INDEX TO VOLUME 107

Author index*

A

Ablin RJ, Bartkus JM: Impaired cell-mediated immunity in hemophilia: Suppression of natural killer activity by factor VIII. 1986; **107**:396 (Letter)

Abu Romeh S, Tannen RL: Therapeutic benefit of dichloroacetate in experimentally induced hypoxic lactic acidosis. 1986; **107**:378-83

Adams LE (*see* Spencer-Green et al). 1986; **107**:159-65

Altman S (*see* Simon et al). 1986; **107**:439-44

Anderson GJ, Mackerras A, Mack U, Powell LW, Halliday JW: Simple radioimmunoassay for transferrin using insolubilized antitransferrin antibodies: Its application to cultured cells. 1986; **107**:59-65

Arnala IO (*see* Faugere et al). 1986; **107**:481-7

Asayama K, Kooy NW, Burr IM: Effect of vitamin E deficiency and selenium deficiency on insulin secretory reserve and free radical scavenging systems in islets: Decrease of islet manganosuperoxide dismutase. 1986; **107**:459-64

Ashkenazi S, Weiss E, Drucker MM: Bacterial adherence to intravenous catheters and needles and its influence by cannula type and bacterial surface hydrophobicity. 1986; **107**:136-40

Ayoub EM, Hawthorne T, Miller J: Assay for antibodies to group C and G streptococcal carbohydrate by enzyme-linked immunosorbent assay. 1986; **107**:204-9

B

Bailey L (*see* Halsted et al). 1986; **107**:228-32

Bakaletz AP (*see* Cosio and Bakaletz). 1986; **107**:453-8

Balaban EP, Simon TR, Sheehan RG, Frenkel EP: Effect of the radiolabel mediator tropolone on lymphocyte structure and function. 1986; **107**:306-14

Bartkus JM (*see* Ablin and Bartkus). 1986; **107**:396 (Letter)

Basrur PK (*see* Jansen et al). 1986; **107**:551-5

Baughman RB, Corser BC, Strohofer S, Hendricks D: Spontaneous hydrogen peroxide release from alveolar macrophages of some cigarette smokers. 1986; **107**:233-7

Baumal R (*see* Jansen et al). 1986; **107**:551-5

Beatty BG (*see* Branch et al). 1986; **107**:15-22

Beck EA (*see* Perret et al). 1986; **107**:244-52

Beer WH (*see* Halsted et al). 1986; **107**:228-32

Beischel L (*see* Welch et al). 1986; **107**:329-33

Benigni A (*see* Bertani et al). 1986; **107**:261-8

Berchtold PE, Spaeth PJ, Haeberli A, Straub PW: Hemolytic activity of leukemic sera: The role of complement and sucrose. 1986; **107**:544-50

Bertani T, Benigni A, Cutillo F, Rocchi G, Morelli C, Carminati C, Verroust P, Remuzzi G: Effect of aspirin and sulindac in rabbit nephrotoxic nephritis. 1986; **107**:261-8

Beutler E, Kuhl W: Characteristics and significance of the reverse glucose-6-phosphate dehydrogenase reaction. 1986; **107**:502-7

Blair JA (*see* Said et al). 1986; **107**:420-4

Blanshay P (*see* Cooper et al). 1986; **107**:447-52

Borghi A (*see* Rocchi et al). 1986; **107**:36-42

Bradley T, Gewertz BL, Scott WJ, Goldberg LI: Dopamine receptor blockade does not affect the natriuresis accompanying sodium chloride infusion in dogs. 1986; **107**:525-8

Branch DR, Beatty BG, Sy Siok Hian AL, Vlahos WG, Hawksworth AW, Petz LD: Immune response to moxalactam in rabbits and in humans. 1986; **107**:15-22

Bray GL, Weinmann AF, Thompson AR: Calcium-specific immunoassays for factor IX: Reduced levels of antigen in patients with vitamin K disorders. 1986; **107**:269-78

Briston C (*see* Schaeffer et al). 1986; **107**:488-97

Bronzino P (*see* Gentile et al). 1986; **107**:166-71

Buford LN (*see* Irving et al). 1986; **107**:290-9

Burr IM (*see* Asayama et al). 1986; **107**:459-64

Burris SM, Smith CM II, Tukey D, Clawson CC, White JG: Micropipette aspiration of human platelets: Influence of rewarming on deformability of chilled cells. 1986; **107**:238-43

C

Caen J (*see* Wautier et al). 1986; **107**:210-5

Carlson RW (*see* Schaeffer et al). 1986; **107**:488-97

Carminati C (*see* Bertani et al). 1986; **107**:261-8

Carr ME Jr, Gabriel DA, Herion JC, Roberts HR: Granulocyte lysosomal cationic protein alters fibrin assembly: A possible mechanism for granulocyte control of clot structure. 1986; **107**:199-203

Cassanelli P (*see* Rocchi et al). 1986; **107**:36-42

Cerami A (*see* Jones et al). 1986; **107**:431-8

Cerda JJ (*see* Halsted et al). 1986; **107**:228-32

Chandler CJ (*see* Halsted et al). 1986; **107**:228-32

Chesterman C (*see* Pfueller et al). 1986; **107**:299-305

Chilton S-M (*see* Schaeffer et al). 1986; **107**:488-97

Chisolm GM (*see* Skrinska et al). 1986; **107**:187-93

Clawson CC (*see* Burris et al). 1986; **107**:238-43

Coller BS, Peerschke EI, Seligsohn U, Scudder LE, Nurden AT, Rosa JP: Studies on the binding of an alloimmune and two murine monoclonal antibodies to the platelet glycoprotein IIb-IIIa complex receptor. 1986; **107**:384-92

Collins-Lech C (*see* Severns et al). 1986; **107**:29-38

Coltorti M (*see* Gentile et al). 1986; **107**:166-71

Conger JD, Falk SA: Glomerular and tubular dynamics in mercuric chloride–induced acute renal failure. 1986; **107**:281-9

Conklin DJ (*see* Simon et al). 1986; **107**:439-44

Cooper BA, Fehedy V, Blanshay P: Recognition of deficiency of vitamin B_{12} using measurement of serum concentration. 1986; **107**:447-52

Corser BC (*see* Baughman et al). 1986; **107**:233-7

Corvazier E (*see* Wautier et al). 1986; **107**:210-5

Cosio FG, Bakaletz AP: Binding of human fibronectin to antigen-antibody complexes. 1986; **107**:453-8

Cotecchia S (*see* DeBlasi et al). 1986; **107**:86-94

Cutillo F (*see* Bertani et al). 1986; **107**:261-8

D

D'Alessandro L (*see* Mangan et al). 1986; **107**:353-64

Das KM, Simon MR, Valenzuela I, Weinstock JV, Marcuard SMP: Serum antibodies from patients with Crohn's disease and from their household members react with murine lymphomas induced by tissue filtrates. 1986; **107**:95-100

Dauber JH (*see* Owens et al). 1986; **107**:253-60

Daugirdas JT, Nawab ZM, Hayashi JA: Hemodialysis hemodynamics in an animal model: Effect of using an acetate-buffered dialysate. 1986; **107**:517-24

De Blasi A, Cotecchia S, Fratelli M, Lipartiti M: Agonist-induced β-adrenergic receptor internalization on intact human mononuclear leukocytes: Effect of temperature of mononuclear leukocyte separation. 1986; **107**:86-94

Del Greco F (*see* Rahman et al). 1986; **107**:337-41

Donoso VS, Grantham JJ: Characteristics of renal *p*-aminohippurate and urate excretion in rabbits. 1986; **107**:315-21

Donovan-Brand R (*see* Spencer-Green et al). 1986; **107**:159-65

Dorner RW (*see* Moore et al). 1986; **107**:465-70

Drucker MM (*see* Ashkenazi et al). 1986; **107**:136-40

*January, pp 1-102; February, pp 103-186; March, pp 187-280; April, pp 281-398; May, pp 399-480; June, pp 481-582.

E

Eddy AA, Falk RJ, Sibley RK, Hostetter TH: Subtotal nephrectomy in the rabbit: A model of chronic hypercalcemia, nephrolithiasis, and obstructive nephropathy. 1986; **107**:508-16
Eisenberg S (*see* Zimmerman et al). 1986; **107**:498-501
Ellner JJ (*see* Lederman et al). 1986; **107**:66-72
Engström-Laurent A (*see* Fraser et al). 1986; **107**:79-85
Everson B (*see* Lederman et al). 1986; **107**:471-8
Exner T, Koutts J: Simple immunochromometric assay for protein C activity. 1986; **107**:405-11
Eynard AR, Galli G, Tremoli E, Maderna P, Magni F, Paoletti R: Aspirin inhibits platelet 12-hydroxy-eicosatetraenoic acid formation. 1986; **107**:73-8

F

Fåhraeus L (*see* Wallentin and Fåhraeus). 1986; **107**:216-20
Falk FJ (*see* Eddy et al). 1986; **107**:508-16
Falk SA (*see* Conger and Falk). 1986; **107**:281-9
Farmer-Bailey P (*see* Stradley et al). 1986; **107**:10-4
Faugere MC, Arnala IO, Ritz E, Malluche HH: Loss of bone resulting from accumulation of aluminum in bone of patients undergoing dialysis. 1986; **107**:481-7
Ferris TF: Presidential address. 1986; **107**:399-400 (Spec. feature)
Follansbee WP (*see* Owens et al). 1986; **107**:253-60
Fong JSC (*see* Kaplan et al). 1986; **107**:425-30
Forristal J (*see* Welch TR). 1986; **107**:529-33
Francis CW, Marder VJ: Degradation of cross-linked fibrin by human leukocyte proteases. 1986; **107**:342-52
——(*see* Scott et al). 1986; **107**:534-43
Fraser JRE, Engström-Laurent A, Nyberg A, Laurent TC: Removal of hyaluronic acid from the circulation in rheumatoid disease and primary biliary cirrhosis. 1986; **107**:79-85
Fratelli M (*see* DeBlasi et al). 1986; **107**:86-94
Freedman J (*see* Garvey and Freedman). 1986; **107**:123-8
Frehedy V (*see* Cooper et al). 1986; **107**:447-52
Frenkel EP (*see* Balaban et al). 1986; **107**:306-14
Fujishima M (*see* Tsuruda et al). 1986; **107**:43-50
Furlan M (*see* Perret et al). 1986; **107**:244-52

G

Gabriel DA (*see* Carr et al). 1986; **107**:199-203
Galli G (*see* Eynard et al). 1986; **107**:73-8
Garvey MB, Freedman J: Indirect platelet radioactive antiglobulin test in patients with lymphoproliferative disease. 1986; **107**:123-8
Gati I (*see* Zimmerman et al). 1986; **107**:498-501
Gentile S, Tiribelli C, Persico M, Bronzino P, Marmo R, Orzes N, Orlando C, Rubba P, Coltorti M: Dose dependence of nicotinic acid–induced hyperbilirubinemia and its dissociation from hemolysis in Gilbert's syndrome. 1986; **107**:166-71
Gerrits L (*see* Tannen et al). 1986; **107**:176-84
Gewertz BL (*see* Bradley et al). 1986; **107**:525-8
Gibertini P (*see* Rocchi et al). 1986; **107**:36-42
Goldberg LI (*see* Bradley et al). 1986; **107**:525-8
Goodyer PR (*see* Kaplan et al). 1986; **107**:425-30
Goyer RA (*see* Victery et al). 1986; **107**:129-35
Grady RW (*see* Jones et al). 1986; **107**:431-8
Grantham JJ (*see* Donoso and Grantham). 1986; **107**:315-21
Gray BM (*see* Wood and Gray). 1986; **107**:322-6
Greene HL, Parker PH, Hoyumpa AM, Hall SD: Rapid ethanol elimination in patients with type I glycogen storage disease is an adaptive change resulting from recurrent hypoglycemia. 1986; **107**:118-22
Gryzan S (*see* Owens et al). 1986; **107**:253-64

H

Haeberli A (*see* Berchtold et al). 1986; **107**:544-50
Hall SD (*see* Greene et al). 1986; **107**:118-22
Halliday JW (*see* Anderson et al). 1986; **107**:59-65
Halsted CH, Beer WH, Chandler CJ, Ross K, Wolfe BM, Bailey L, Cerda JJ: Clinical studies of intestinal folate conjugases. 1986; **107**:228-32
Hawksworth WG (*see* Branch et al). 1986; **107**:15-22
Hawthorne T (*see* Ayoub et al). 1986; **107**:204-9
Hayashi JA (*see* Daugirdas et al). 1986; **107**:517-24
Heath CA (*see* Roberts et al). 1986; **107**:112-7
Hebel RP: Erythrocyte antioxidants and membrane vulnerability. 1986; **107**:401-4 (Editorial)
Heizer WD (*see* Tobey et al). 1986; **107**:221-7
Hendricks D (*see* Baughman et al). 1986; **107**:233-7
Henriksen RA (*see* Zaleski and Henriksen). 1986; **107**:172-5
Herion JC (*see* Carr et al). 1986; **107**:199-203
Hess EV (*see* Spencer-Green et al). 1986; **107**:159-65
Hesse BL (*see* Skrinska et al). 1986; **107**:187-93
Hilburn ME (*see* Said et al). 1986; **107**:420-4
Hoefs JC (*see* Rector et al). 1986; **107**:412-9
Hoek JB (*see* Ponnappa et al). 1986; **107**:556-63
Hostetter TH (*see* Eddy et al). 1986; **107**:508-16
Hoyumpa AM (*see* Greene et al). 1986; **107**:118-22
Hussein S (*see* Pfueller et al). 1986; **107**:299-305

I

Ibarra F (*see* Rector et al). 1986; **107**:412-9
Illes I (*see* Pfueller et al). 1986; **107**:299-305
Irving CS, Lifschitz CH, Marks LM, Nichols BL, Klein PD: Polyethylene glycol polymers of low molecular weight as probes of intestinal permeability. I. Innovations in analysis and quantitation. 1986; **107**:290-8

J

Jansen B, Tryphonas L, Wong J, Thorner P, Maxie MG, Valli VE, Baumal R, Basrur PK: Mode of inheritance of Samoyed hereditary glomerulopathy: An animal model for hereditary nephritis in humans. 1986; **107**:551-5
Jenö P (*see* Perret et al). 1986; **107**:244-52
Jikko A (*see* Morimoto et al). 1986; **107**:194-8
Johnson RF (*see* Roberts et al). 1986; **107**:112-7
Jones RL, Grady RW, Sorette MP, Cerami A: Host-associated iron transfer factor in normal humans and patients with transfusion siderosis. 1986; **107**:431-8

K

Kalovidouris AE: Mononuclear cells from patients with polymyositis inhibit calcium binding by sarcoplasmic reticulum. 1986; **107**:23-8
Kamiyama Y (*see* Morimoto et al). 1986; **107**:194-8
Kaplan BS, Milner LS, Lotan D, Mills M, Goodyer PR, Fong JSC: Interactions of dimethyl sulfoxide and nonsteroidal anti-inflammatory agents in passive Heymann's nephritis. 1986; **107**:425-30
Kelley L (*see* Spencer-Green et al). 1986; **107**:159-65
Khatib G (*see* Rezkalla et al). 1986; **107**:393-5
Khatib R (*see* Rezkalla et al). 1986; **107**:393-5
Kiniough-Rathbone RL (*see* Winocour et al). 1986; **107**:148-53, 154-8
Klein HA (*see* Owens et al). 1986; **107**:253-60
Klein PD (*see* Irving et al). 1986; **107**:290-9
Knutson DW (*see* Scott WL). 1986; **107**:534-43
Koh H (*see* Rahman et al). 1986; **107**:337-41
Koizumi K (*see* Morimoto et al). 1986; **107**:194-8
Kooy NW (*see* Asayama et al). 1986; **107**:459-64
Korsten MA (*see* Wilson et al). 1986; **107**:51-8
Koutts J (*see* Exner and Koutts). 1986; **107**:405-11
Kuhl W (*see* Beutler and Kuhl). 1986; **107**:502-7

L

Lameire N (*see* Vanholder et al). 1986; **107**:327-36
Laurent TC (*see* Fraser et al). 1986; **107**:79-85
Lederman MM, Ratnoff OD: Impaired cell-mediated immunity in hemophilia; Suppression of natural killer activity by factor VIII. 1986; **107**:396-7 (Letter reply)
——, Saunders C, Toossi Z, Lemon N, Everson B, Ratnoff OD: Antihemophilic factor (factor VIII) preparations inhibit lymphocyte proliferation and production of interleukin-2. 1986; **107**:471-8

——, Schacter B, LeVine M, Ellner JJ: Inhibition of human lymphocyte proliferation by ultraviolet radiation: Effects of ultraviolet B (290 to 320 nm) on T-lymphocytes, monocyte accessory function, and induction of suppressor mechanisms. 1986; **107**:66-72
Lemon N (*see* Lederman et al). 1986; **107**:471-8
Leo MA (*see* Wilson et al). 1986; **107**:51-8
Leusen I (*see* Vanholder et al). 1986; **107**:327-36
LeVine M (*see* Lederman et al). 1986; **107**:66-72
Lieber CS (*see* Wilson et al). 1986; **107**:51-8
Lifschitz CH (*see* Irving et al). 1986; **107**:290-9
Lipartiti M (*see* DeBlasi et al). 1986; **107**:86-94
Lotan D (*see* Kaplan et al). 1986; **107**:425-30
Lucas FV (*see* Skrinska et al). 1986; **107**:187-93
Lucas ML (*see* Said et al). 1986; **107**:420-4
Lyn-Cook LE (*see* Tobey et al). 1986; **107**:221-7

M

Mack U (*see* Anderson et al). 1986; **107**:59-65
Mackerras A (*see* Anderson et al). 1986; **107**:59-65
Maclouf J (*see* Wautier et al). 1986; **107**:210-5
Maderna P (*see* Eynard et al). 1986; **107**:73-8
Magni F (*see* Eynard et al). 1986; **107**:73-8
Makino D (*see* Zarling et al). 1986; **107**:5-9
Malluche HH (*see* Faugere et al). 1986; **107**:481-7
Mangan KF, D'Alessandro L, Mullaney MT: Action of antithymocyte globulin on normal human erythroid progenitor cell proliferation in vitro: Erythropoietic growth-enhancing factors are released from marrow accessory cells. 1986; **107**:353-64
Marcuard SMP (*see* Das et al). 1986; **107**:95-100
Marder VJ (*see* Francis and Marder). 1986; **107**:342-52
——(*see* Scott et al). 1986; **107**:534-43
Marks LM (*see* Irving et al). 1986; **107**:290-9
Marmo R (*see* Gentile et al). 1986; **107**:166-71
Martin JF (*see* Pfueller et al). 1986; **107**:299-305
Matthys E (*see* Vanholder et al). 1986; **107**:327-36
Maxie MG (*see* Jansen et al). 1986; **107**:551-5
McKenney SM (*see* Thakur and McKenney). 1986; **107**:141-7
Medsger TA Jr (*see* Owens et al). 1986; **107**:253-60
Miller CR (*see* Victery et al). 1986; **107**:129-35
Miller J (*see* Ayoub et al). 1986; **107**:204-9
Mills M (*see* Kaplan et al). 1986; **107**:425-30
Milner LS (*see* Kaplan et al). 1986; **107**:425-30
Moguchi M (*see* Morimoto et al). 1986; **107**:194-8
Moore TL, Dorner RW, Zuckner J: 19S IgM rheumatoid factor–7S IgG rheumatoid factor immune complexes isolated in patients with rheumatoid arthritis. 1986; **107**:465-70
Morelli C (*see* Bertani et al). 1986; **107**:261-8
Morello A (*see* Redinger and Morello). 1986; **107**:103-11
Morimoto T, Taki Y, Jikko A, Yokoo N, Koizumi K, Nishihira T, Nishikawa K, Moguchi M, Tanaka A, Tanaka J, Ukikusa M, Kamiyama Y, Ozawa K: Changes in oxidative phosphorylation, adenylate energy charge, and respiratory components in chloramphenicol-treated regenerating rat liver. 1986; **107**:194-8
Mullaney MT (*see* Mangan et al). 1986; **107**:353-64
Mustard JF (*see* Winocour et al). 1986; **107**:148-53, 154-8

N

Nawab ZM (*see* Daugirdas et al). 1986; **107**:517-24
Nishihira T (*see* Morimoto et al). 1986; **107**:194-8
Nishikawa K (*see* Morimoto et al). 1986; **107**:194-8
Nurden AT (*see* Coller et al). 1986; **107**:384-92
Nyberg A (*see* Fraser et al). 1986; **107**:79-85

O

Oh Y (*see* Tsuruda et al). 1986; **107**:43-50
Okuda S (*see* Tsuruda et al). 1986; **107**:43-50
Onoyama K (*see* Tsuruda et al). 1986; **107**:43-50
Openshaw K (*see* Rector et al). 1986; **107**:412-9
Orlando C (*see* Gentile et al). 1986; **107**:166-71
Orzes N (*see* Gentile et al). 1986; **107**:166-71
Owens GR, Paradis IL, Gryzan S, Medsger TA Jr, Follansbee WP, Klein HA, Dauber JH: Role of inflammation in the lung disease of systemic sclerosis: Comparison with idiopathic pulmonary fibrosis. 1986; **107**:253-60
Ozawa K (*see* Morimoto et al). 1986; **107**:194-8

P

Paoletti R (*see* Eynard et al). 1986; **107**:73-8
Paradis IL (*see* Owens et al). 1986; **107**:253-60
Parker PH (*see* Greene et al). 1986; **107**:118-22
Pasquini N (*see* Stradley et al). 1986; **107**:10-4
Peerschke EI (*see* Coller et al). 1986; **107**:384-92
Perret BA, Furlan M, Jenö P, Beck EA: Von Willebrand factor–dependent agglutination of washed fixed human platelets by insoluble collagen isolated from bovine aorta. 1986; **107**:244-52
Persico M (*see* Gentile et al). 1986; **107**:166-71
Petz LD (*see* Branch et al). 1986; **107**:15-22
Pfueller SL, Chesterman C, Illes I, Hussein S, Martin JF: Relationship of platelet-associated immunoglobulin G and platelet protein to platelet size and density in normal individuals and patients with thrombocytopenia. 1986; **107**:299-305
Pietrangelo A (*see* Rocchi et al). 1986; **107**:36-42
Pintigny D (*see* Wautier et al). 1986; **107**:210-5
Ponnappa BC, Hoek JB, Sarchet K, Rubin E: Dietary carbohydrate level determines the effect of long-term ethanol ingestion on rat pancreatic amylase content. 1986; **107**:556-63
Powell LW (*see* Anderson et al). 1986; **107**:59-65
Primera MI (*see* Rahman et al). 1986; **107**:337-41

Q

Quintanilla AP (*see* Rahman et al). 1986; **107**:337-41

R

Rachmilewitz D (*see* Zimmerman et al). 1986; **107**:498-501
Rahman M, Koh H, Primera MI, Del Greco F, Quintanilla AP: Na-K-adenosine triphosphatase and cation content in the erythrocyte in essential hypertension. 1986; **107**:337-41
Ratnoff OD (*see* Lederman and Ratnoff). 1986; **107**:396-7(Letter reply)
——(*see* Lederman et al). 1986; **107**:471-8
Rector WG Jr, Ibarra F, Openshaw K, Hoefs JC: Ascites kinetics in cirrhosis: Relationship to plasma-ascites hydrostatic-oncotic balance and intensity of renal sodium retention. 1986; **107**:412-9
Redinger RN, Morello A, LaMorte WW: Primate model for the study of hepatic metabolism of lipoprotein cholesterol. 1986; **107**:103-11
Remuzzi G (*see* Bertani et al). 1986; **107**:261-8
Rezkalla S, Khatib G, Khatib R: Coxsackievirus B3 murine myocarditis: Deleterious effects of nonsteroidal anti-inflammatory agents. 1986; **107**:393-5
Ritz E (*see* Faugere et al). 1986; **107**:481-7
Roberts HR (*see* Carr et al). 1986; **107**:199-203
Roberts RK, Heath CA, Johnson RF, Speeg KV Jr, Schenker S: Effect of H_2-receptor antagonists on steady-state extraction of indocyanine green and lidocaine by the perfused rat liver. 1986; **107**:112-7
Rocchi E, Gibertini P, Cassanelli M, Pietrangelo A, Borghi A, Ventura E: Serum ferritin in the assessment of liver iron overload and iron removal therapy in porphyria cutanea tarda. 1986; **107**:36-42
Rocchi G (*see* Bertani et al). 1986; **107**:261-8
Rogers W (*see* Stradley et al). 1986; **107**:10-4
Rosa J-P (*see* Coller et al). 1986; **107**:384-92
Ross K (*see* Halsted et al). 1986; **107**:228-32
Rubba P (*see* Gentile et al). 1986; **107**:166-71
Rubin E (*see* Ponnappa et al). 1986; **107**:556-63
Ruchim MA (*see* Zarling et al). 1986; **107**:5-9

S

Said HM, Blair JA, Lucas ML, Hilburn ME: Intestinal surface acid microclimate in vitro and in vivo in the rat. 1986; **107**:420-4

Sarchet K (*see* Ponnappa et al). 1986; **107**:556-63
Saunders C (*see* Lederman et al). 1986; **107**:471-8
Schacter B (*see* Lederman et al). 1986; **107**:66-72
Schaeffer RC Jr, Briston C, Chilton S-M, Carlson RW: Disseminated intravascular coagulation following *Echis carinatus* venom in dogs: Effects of a synthetic thrombin inhibitor. 1986; **107**:488-97
Schenker S (*see* Roberts et al). 1986; **107**:112-7
Scott WJ (*see* Bradley et al). 1986; **107**:525-8
Scott WL, Francis CW, Knutson DW, Marder VJ: Specific identification of urinary fibrinogen, fibrinogen degradation products, and cross-linked fibrin degradation products in renal diseases and after renal allotransplantation. 1986; **107**:534-43
Scudder LE (*see* Coller et al). 1986; **107**:384-92
Seligsohn U (*see* Coller et al). 1986; **107**:384-92
Severns C, Collins-Lech C, Sohnle PG: Effect of temperature on production of hypochlorous acid by stimulated human neutrophils. 1986; **107**:29-38
Sheehan RG (*see* Balaban et al). 1986; **107**:306-14
Sherding R (*see* Stradley et al). 1986; **107**:10-4
Sibley RK (*see* Eddy et al). 1986; **107**:508-16
Simon G, Conklin DJ, Altman S: Cell growth and sodium content in the serum of uninephrectomized and renal hypertensive dogs. 1986; **107**:439-44
Simon MR (*see* Das et al). 1986; **107**:95-100
Simon TR (*see* Balaban et al). 1986; **107**:306-14
Skrinska VA, Lucas FV, Chisolm GM, Hesse BL: Intravenous administration of prostacyclin in rabbits: Elimination kinetics and blood pressure response. 1986; **107**:187-93
Smith CM II (*see* Burris et al). 1986; **107**:238-43
Sohnle PG (*see* Severns et al). 1986; **107**:29-38
Sorette MP (*see* Jones et al). 1986; **107**:431-8
Spaeth PJ (*see* Berchtold et al). 1986; **107**:544-50
Speeg KV Jr (*see* Roberts et al). 1986; **107**:112-7
Spencer-Green G, Kelley L, Adams LE, Donovan-Brand R, Hess EV: Polynucleotide antibodies in connective tissue disease: Viral markers or disease mediators? 1986; **107**:159-65
Stradley R, Farmer-Bailey P, Pasquini N, Rogers W, Sherding R: Gastric absorption of D-xylose in the rat: Its influence on the D-xylose absorption test. 1986; **107**:10-4
Straub PW (*see* Berchtold et al). 1986; **107**:544-50
Strohofer SS (*see* Baughman et al). 1986; **107**:233-7
Sy Siok Hian AL (*see* Branch et al). 1986; **107**:15-22

T

Taki Y (*see* Morimoto et al). 1986; **107**:194-8
Tanaka A (*see* Morimoto et al). 1986; **107**:194-8
Tanaka J (*see* Morimoto et al). 1986; **107**:194-8
Tannen RL, Gerrits L: Response of the renal K^+-conserving mechanism to kaliuretic stimuli: Evidence for a direct kaliuretic effect by furosemide. 1986; **107**:176-84
——(*see* Abu Romeh and Tannen). 1986; **107**:378-83
Thakur ML, McKenney SM: Indium 111–mercaptopyridine *N*-oxide–labeled human leukocytes and platelets: Mechanism of labeling and intracellular location of ^{111}In and mercaptopyridine *N*-oxide. 1986; **107**:141-7
Thompson AR (*see* Bray et al). 1986; **107**:269-78
Thomson ABR: Early nutrition and intestinal transport function: Effect of low-cholesterol diet. 1986; **107**:365-77
Thorner P (*see* Jansen et al). 1986; **107**:551-5
Tiribelli C (*see* Gentile et al). 1986; **107**:166-71
Tobey NA, Lyn-Cook LE, Ulshen MH, Heizer WD: Intestinal brush border peptidases: Activities in normal and abnormal peroral intestinal biopsy specimens. 1986; **107**:221-7
Toossi Z (*see* Lederman et al). 1986; **107**:471-8
Tremoli E (*see* Eynard et al). 1986; **107**:73-8
Tryphonas L (*see* Jansen et al). 1986; **107**:551-5
Tsuruda H, Okuda S, Onoyama K, Oh Y, Fujishima M: Effect of blood pressure on the progress of renal deterioration in rats with renal mass reduction. 1986; **107**:43-50
Tukey D (*see* Burris et al). 1986; **107**:238-43

U

Ukikusa M (*see* Morimoto et al). 1986; **107**:194-8
Ulshen MH (*see* Tobey et al). 1986; **107**:221-7

V

Valenzuela I (*see* Das et al). 1986; **107**:95-100
Valli VE (*see* Jansen et al). 1986; **107**:551-5
Vanholder R, Matthys E, Leusen I, Lameire N: Effect of premercurial resetting of intrarenal vascular resistance on $HgCl_2$-induced acute renal failure. 1986; **107**:327-36
Ventura E (*see* Rocchi et al). 1986; **107**:36-42
Verroust P (*see* Bertani et al). 1986; **107**:261-8
Victery W, Miller CR, Goyer RA: Essential trace metal excretion from rats with lead exposure and during chelation therapy. 1986; **107**:129-35
Vlahos WG (*see* Branch et al). 1986; **107**:15-22

W

Wallentin L, Fåhraeus L: Cholesterol esterification rate and its relation to lipoprotein levels in plasma in normal human pregnancy. 1986; **107**:216-20
Warren JV: Carl Vernon Moore (1908-1972). 1986; **107**:279-80 (Cover illus. note)
——: W. Barry Wood, Jr., M.D. (1910-1971). 1986; **107**:101-2 (Cover illus. note)
——: Austin Flint, M.D. (1812-1886). 1986; **107**:563-4 (Cover illus. note)
——: Arthur Douglass Hirschfelder, M.D. (1879-1942). 1986; **107**:479-80 (Cover illus. note)
——: "Old Red." 1986; **107**:398 (Cover illus. note)
Wautier J-L, Pintigny D, Maclouf J, Wautier M-P, Corvazier E, Caen J: Release of prostacyclin after erythrocyte adhesion to cultured vascular endothelium. 1986; **107**:210-5
Wautier M-P (*see* Wautier et al). 1986; **107**:210-5
Weinmann AF (*see* Bray et al). 1986; **107**:269-78
Weinstock JV (*see* Das et al). 1986; **107**:95-100
Weiss E (*see* Ashkenazi et al). 1986; **107**:136-40
Welch TR, Forristal J, Beischel L: Relationship between the component and regulatory proteins of the classical pathway C3 convertase. 1986; **107**:529-33
White JG (*see* Burris et al). 1986; **107**:238-43
Wilson JS, Korsten MA, Leo MA, Lieber CS: New technique for the isolation of functional rat pancreatic mitochondria and its application to models of pancreatic injury. 1986; **107**:51-8
Winocour PD, Kinlough-Rathbone RL, Mustard JF: Pathways responsible for platelet hypersensitivity in rats with diabetes. I. Streptozocin-induced diabetes. 1986; **107**:148-53
——: Pathways responsible for platelet hypersensitivity in rats with diabetes. II. Spontaneous diabetes in BB Wistar rats. 1986; **107**:154-8
Wolfe BM (*see* Halsted et al). 1986; **107**:228-32
Wong J (*see* Jansen et al). 1986; **107**:551-5
Wood EG, Gray BM: Type-specific antibody prevents platelet aggregation induced by group B streptococci type III. 1986; **107**:322-6
Wooley CF: Frank N. Wilson (1890-1952). 1986; **107**:185-6 (Cover illus. note)

Y

Yokoo N (*see* Morimoto et al). 1986; **107**:194-8

Z

Zaleski A, Henriksen RA: Visualization of the multimeric structure of von Willebrand factor using a peroxidase-conjugated second antibody. 1986; **107**:172-5
Zarling EJ, Ruchim MA, Makino D: Improved technique for measuring fecal energy loss in normal and malabsorbing humans. 1986; **107**:5-9
Zimmerman J, Gati I, Eisenberg S, Rachmilewitz D: Ethanol inhibits triglyceride synthesis and secretion by human small intestinal mucosa. 1986; **107**:498-501
Zuckner J (*see* Moore et al). 1986; **107**:465-70

Subject index*

A

Absorption
Gastric absorption of D-xylose in the rat: Its influence on the D-xylose absorption test (Stradley et al). 1986; **107**:10-4
Improved technique for measuring fecal energy loss in normal and malabsorbing humans (Zarling et al). 1986; **107**:5-9

Accessory cell
Action of antithymocyte globulin on normal human erythroid progenitor cell proliferation in vitro: Erythropoietic growth-enhancing factors are released from marrow accessory cells (Mangan et al). 1986; **107**:352-64

Acetate
Hemodialysis hemodynamics in an animal model: Effect of using an acetate-buffered dialysate (Daugirdas et al). 1986; **107**:517-24

Acid
Aspirin inhibits platelet 12-hydroxy-eicosatetraenoic acid formation (Eynard et al). 1986; **107**:73-8
Dose dependence of nicotinic acid–induced hyperbilirubinemia and its dissociation from hemolysis in Gilbert's syndrome (Gentile et al). 1986; **107**:166-71
Effect of temperature on production of hypochlorous acid by stimulated human neutrophils (Severns et al). 1986; **107**:29-35
Intestinal surface acid microclimate in vitro and in vivo in the rat (Said et al). 1986; **107**:420-4

Acidosis
Therapeutic benefit of dichloroacetate in experimentally induced hypoxic lactic acidosis (Abu Romeh and Tannen). 1986; **107**:378-83

Acute renal failure; ***see also*** **Kidney**
Effect of premercurial resetting of intrarenal vascular resistance on $HgCl_2$-induced acute renal failure (Vanholder et al). 1986; **107**:327-36
Glomerular and tubular dynamics in mercuric chloride–induced acute renal failure (Conger and Falk). 1986; **107**:281-9

Adenosine
Characteristics of high-affinity and low-affinity adenosine binding sites in human cerebral cortex (Erratum) (John and Fox, 1985; **106**:401-7). 1986; **107**:85

Adenosine triphosphate
Na-K-adenosine triphosphatase and cation content in the erythrocyte in essential hypertension (Rahman et al). 1986; **107**:337-41

Adenylate energy charge
Changes in oxidative phosphorylation, adenylate energy charge, and respiratory components in chloramphenicol-treated regenerating rat liver (Morimoto et al). 1986; **107**:194-8

Adhesion
Release of prostacyclin after erythrocyte adhesion to cultured vascular endothelium (Wautier et al). 1986; **107**:210-5

β-Adrenergic receptor
Agonist-induced β-adrenergic receptor internalization on intact human mononuclear leukocytes: Effect of temperature of mononuclear leukocyte separation (De Blasi et al). 1986; **107**:86-94

Affinity
Characteristics of high-affinity and low-affinity adenosine binding sites in human cerebral cortex (Erratum) (John and Fox, 1985; **106**:401-7). 1986; **107**:85.

Agglutination
Von Willebrand factor–dependent agglutination of washed fixed human platelets by insoluble collagen isolated from bovine aorta (Perret et al). 1986; **107**:244-52

Aggregation
Type-specific antibody prevents platelet aggregation induced by group B streptococci type III (Wood and Gray). 1986; **107**:322-6

Alcohol; ***see*** **Ethanol**

Alloimmune antibody
Studies on the binding of an alloimmune and two murine monoclonal antibodies to the platelet glycoprotein IIb-IIIa complex receptor (Coller et al). 1986; **107**:384-92

Allotransplantation
Specific identification of urinary fibrinogen, fibrinogen degradation products, and cross-linked fibrin degradation products in renal diseases and after renal allotransplantation (Scott et al). 1986; **107**:534-43

Aluminum
Loss of bone resulting from accumulation of aluminum in bone of patients undergoing dialysis (Faugere et al). 1986; **107**:481-7

Alveolus
Spontaneous hydrogen peroxide release from alveolar macrophages of some cigarette smokers (Baughman et al). 1986; **107**:233-7

***p*-Aminohippurate**
Characteristics of renal *p*-aminohippurate and urate excretion in rabbits (Donoso and Grantham). 1986; **107**:315-21

Amylase
Dietary carbohydrate level determines the effect of long-term ethanol ingestion on rat pancreatic amylase content (Ponnappa et al). 1986; **107**:556-63

Antagonist
Effect of H_2-receptor antagonists on steady-state extraction of indocyanine green and lidocaine by the perfused rat liver (Roberts et al). 1986; **107**:112-7

Antibody
Assay for antibodies to group C and G streptococcal carbohydrate by enzyme-linked immunosorbent assay (Ayoub et al). 1986; **107**:204-9
Binding of human fibronectin to antigen-antibody complexes (Cosio and Bakaletz). 1986; **107**:453-8

*January, pp 1-102; February, pp 103-186; March, 187-280; April, pp 281-398; May, pp 399-480; June, pp 481-582.

Polynucleotide antibodies in connective tissue disease: Viral markers or disease mediators? (Spencer-Green et al). 1986; **107**:159-65

Serum antibodies from patients with Crohn's disease and from their household members react with murine lymphomas induced by Crohn's disease tissue filtrates (Das et al). 1986; **107**:95-100

Simple radioimmunoassay for transferrin using insolubilized antitransferrin antibodies: Its application to cultured cells (Anderson et al). 1986; **107**:59-65

Studies on the binding of an alloimmune and two murine monoclonal antibodies to the platelet glycoprotein IIb-IIIa complex receptor (Coller et al). 1986; **107**:384-92

Type-specific antibody prevents platelet aggregation induced by group B streptococci type III (Wood and Gray). 1986; **107**:322-6

Visualization of the multimeric structure of von Willebrand factor using a peroxidase-conjugated second antibody (Zaleski and Henriksen). 1986; **107**:172-5

Antigen

Binding of human fibronectin to antigen-antibody complexes (Cosio and Bakaletz). 1986; **107**:453-8

Calcium-specific immunoassays for factor IX: Reduced levels of antigen in patients with vitamin K disorders (Bray et al). 1986; **107**:269-78

Antiglobulin test

Indirect platelet radioactive antiglobulin test in patients with lymphoproliferative disease (Garvey and Freedman). 1986; **107**:123-8

Antihemophilic factor; *see also* **Factor VIII**

Antihemophilic factor (factor VIII) preparations inhibit lymphocyte proliferation and production of interleukin-2 (Lederman et al). 1986; **107**:471-8

Anti-inflammatory agent

Coxsackievirus B3 murine myocarditis: Deleterious effects of nonsteroidal anti-inflammatory agents (Rezkalla et al). 1986; **107**:393-5

Interactions of dimethyl sulfoxide and nonsteroidal anti-inflammatory agents in passive Heymann's nephritis (Kaplan et al). 1986; **107**:425-30

Antioxidant

Erythrocyte antioxidants and membrane vulnerability (Hebbel). 1986; **107**:401-4 (Editorial)

Antithymocyte globulin

Action of antithymocyte globulin on normal human erythroid progenitor cell proliferation in vitro: Erythropoietic growth-enhancing factors are released from marrow accessory cells (Mangan et al). 1986; **107**:352-64

Antitransferrin antibody

Simple radioimmunoassay for transferrin using insolubilized antitransferrin antibodies: Its application to cultured cells (Anderson et al). 1986; **197**:59-65

Aorta

Von Willebrand factor–dependent agglutination of washed fixed human platelets by insoluble collagen isolated from bovine aorta (Perret et al). 1986; **107**:244-52

Arthritis

19S IgM rheumatoid factor–7S IgG rheumatoid factor immune complexes isolated in patients with rheumatoid arthritis (Moore et al). 1986; **107**:465-70

Ascites

Ascites kinetics in cirrhosis: Relationship to plasma-ascites hydrostatic-oncotic balance and intensity of renal sodium retention (Rector et al). 1986; **107**:412-9

Aspiration

Micropipette aspiration of human platelets: Influence of rewarming on deformability of chilled cells (Burris et al). 1986; **107**:238-43

Aspirin

Aspirin inhibits platelet 12-hydroxy-eicosatetraenoic acid formation (Eynard et al). 1986; **107**:73-8

Effect of aspirin and sulindac in rabbit nephrotoxic nephritis (Bertani et al). 1986; **107**:261-8

Assay

Assay for antibodies to group C and G streptococcal carbohydrate by enzyme-linked immunosorbent assay (Ayoub et al). 1986; **107**:204-9

Calcium-specific immunoassay for factor IX: Reduced levels of antigen in patients with vitamin K disorders (Bray et al). 1986; **107**:269-78

Simple immunochromometric assay for protein C activity (Exner and Koutts). 1986; **107**:405-11

Von Willebrand factor–dependent agglutination of washed fixed human platelets by insoluble collagen isolated from bovine aorta (Perret et al). 1986; **107**:244-52

B

Bacteria

Bacterial adherence to intravenous catheters and needles and its influence by cannula type and bacterial surface hydrophobicity (Ashkenazi et al). 1986; **107**:136-40

Biliary cirrhosis; *see also* **Liver**

Removal of hyaluronic acid from the circulation in rheumatoid disease and primary biliary cirrhosis (Fraser et al). 1986; **107**:79-85

Bilirubin

Dose dependence of nicotinic acid–induced hyperbilirubinemia and its dissociation from hemolysis in Gilbert's syndrome (Gentile et al). 1986; **107**:166-71

Binding

Binding of human fibronectin to antigen-antibody complexes (Cosio and Bakaletz). 1986; **107**:453-8

Characteristics of high-affinity and low-affinity adenosine binding sites in human cerebral cortex (Erratum) (John and Fox, 1985; **106**:401-7). 1986; **107**:85

Studies on the binding of an alloimmune and two murine monoclonal antibodies to the platelet glycoprotein IIb-IIIa complex receptor (Coller et al). 1986; **107**:384-92

Biopsy

Intestinal brush border peptidases: Activities in normal and abnormal peroral intestinal biopsy specimens (Tobey et al). 1986; **107**:221-7

Blood cell; *see* specific cell

Blood clot; *see* **Coagulation**

Blood pressure

Effect of blood pressure on the progress of renal deterioration in rats with renal mass reduction (Tsuruda et al). 1986; **107**:43-50

Intravenous administration of prostacyclin in rabbits: Elimination kinetics and blood pressure response (Skrinska et al). 1986; **107**:187-93

Na-K-adenosine triphosphatase and cation content in the erythrocyte in essential hypertension (Rahman et al). 1986; **107**:337-41

Bone

Loss of bone resulting from accumulation of aluminum in bone of patients undergoing dialysis (Faugere et al). 1986; **107**:481-7

Bone marrow

Action of antithymocyte globulin on normal human erythroid progenitor cell proliferation in vitro: Erythropoietic growth-enhancing factors are released from marrow accessory cells (Mangan et al). 1986; **107**:352-64

Brain

Characteristics of high-affinity and low-affinity adenosine binding sites in human cerebral cortex (Erratum) (John and Fox, 1985; **106**:401-7). 1986; **107**:85

Brush border

Intestinal brush border peptidases: Activities in normal and abnormal peroral intestinal biopsy specimens (Tobey et al). 1986; **107**:221-7

C

C3 convertase

Relationship between the component and regulatory proteins of the classical pathway C3 convertase (Welch et al). 1986; **107**:529-33

Calcium
Calcium-specific immunoassay for factor IX: Reduced levels of antigen in patients with vitamin K disorders (Bray et al). 1986; **107**:269-78
Subtotal nephrectomy in the rabbit: A model of chronic hypercalcemia, nephrolithiasis, and obstructive nephropathy (Eddy et al). 1986; **107**:508-16
Mononuclear cells from patients with polymyositis inhibit calcium binding by sarcoplasmic reticulum (Kalovidouris). 1986; **107**:23-833
Cannula
Bacterial adherence to intravenous catheters and needles and its influence by cannula type and bacterial surface hydrophobicity (Ashkenazi et al). 1986; **107**:136-40
Carbohydrate
Assay for antibodies to group C and G streptococcal carbohydrate by enzyme-linked immunosorbent assay (Ayoub et al). 1986; **107**:204-9
Dietary carbohydrate level determines the effect of long-term ethanol ingestion on rat pancreatic amylase content (Ponnappa et al). 1986; **107**:556-63
Catheter
Bacterial adherence to intravenous catheters and needles and its influence by cannula type and bacterial surface hydrophobicity (Ashkenazi et al). 1986; **107**:136-40
Cation
Granulocyte lysosomal cationic protein alters fibrin assembly: A possible mechanism for granulocyte control of clot structure (Carr et al). 1986; **107**:199-203
Na-K-adenosine triphosphatase and cation content in the erythrocyte in essential hypertension (Rahman et al). 1986; **107**:337-41
Cell; *see also* specific cell
Action of antithymocyte globulin on normal human erythroid progenitor cell proliferation in vitro: Erythropoietic growth-enhancing factors are released from marrow accessory cells (Mangan et al). 1986; **107**:352-64
Cell growth and sodium content in the serum of uninephrectomized and renal hypertensive dogs (Simon et al). 1986; **107**:439-46
Effect of vitamin E deficiency and selenium deficiency on insulin secretory reserve and free radical scavenging system in islets: Decrease of islet manganosuperoxide dismutase (Asayama et al). 1986; **107**:459-64
Impaired cell-mediated immunity in hemophilia: Suppression of natural killer activity by factor VIII (Ablin and Bartkus) (Letter); (Lederman and Ratnoff) (Reply). 1986; **107**:396-7
Micropipette aspiration of human platelets: Influence of rewarming on deformability of chilled cells (Burris et al). 1986; **107**:238-43
Mononuclear cells from patients with polymyositis inhibit calcium binding by sarcoplasmic reticulum (Kalovidouris). 1986; **107**:23-8
Simple radioimmunoassay for transferrin using insolubilized antitransferrin antibodies: Its application to cultured cells (Anderson et al). 1986; **197**:59-65
Cell membrane
Erythrocyte antioxidants and membrane vulnerability. 1986; **107**:401-4 (Editorial)
Cell-mediated immunity
Impaired cell-mediated immunity in hemophilia: Suppression of natural killer activity by factor VIII (Ablin and Bartkus) (Letter); (Lederman and Ratnoff) (Reply). 1986; **107**:396-7
Cerebrum
Characteristics of high-affinity and low-affinity adenosine binding sites in human cerebral cortex (Erratum) (John and Fox, 1985; **106**:401-7). 1986; **107**:85
Chelation therapy
Essential trace metal excretion from rats with lead exposure and during chelation therapy (Victery et al). 1986; **107**:129-35
Serum ferritin in the assessment of liver iron overload and iron removal therapy in porphyria cutanea tarda (Rocchi et al). 1986; **107**:36-42
Chilled cell
Micropipette aspiration of human platelets: Influence of rewarming on deformability of chilled cells (Burris et al). 1986; **107**:238-43
Chloramphenicol
Changes in oxidative phosphorylation, adenylate energy charge, and respiratory components in chloramphenicol-treated regenerating rat liver (Morimoto et al). 1986; **107**:194-8
Cholesterol
Cholesterol esterification rate and its relation to lipoprotein levels in plasma in normal human pregnancy (Wallentin and Fåhraeus). 1986; **107**:216-20
Early nutrition and intestinal transport function: Effect of low-cholesterol diet (Thomson). 1986; **107**:365-77
Primate model for the study of hepatic metabolism of lipoprotein cholesterol (Redinger et al). 1986; **107**:103-11
Cigarettes
Spontaneous hydrogen peroxide release from alveolar macrophages of some cigarette smokers (Baughman et al). 1986; **107**:233-7
Cirrhosis
Ascites kinetics in cirrhosis: Relationship to plasma-ascites hydrostatic-oncotic balance and intensity of renal sodium retention (Rector et al). 1986; **107**:412-9
Removal of hyaluronic acid from the circulation in rheumatoid disease and primary biliary cirrhosis (Fraser et al). 1986; **107**:79-85
Classical pathway C3 convertase
Relationship between the component and regulatory proteins of the classical pathway C3 convertase (Welch et al). 1986; **107**:529-33
Clot; *see* **Coagulation**
Coagulation
Disseminated intravascular coagulation following *Echis carinatus* venom in dogs: Effects of a synthetic thrombin inhibitor (Schaeffer et al). 1986; **107**:488-97
Granulocyte lysosomal cationic protein alters fibrin assembly: A possible mechanism for granulocyte control of clot structure (Carr et al). 1986; **107**:199-203
Von Willebrand factor–dependent agglutination of washed fixed human platelets by insoluble collagen isolated from bovine aorta (Perret et al). 1986; **107**:244-52
Cofactor assay
Von Willebrand factor–dependent agglutination of washed fixed human platelets by insoluble collagen isolated from bovine aorta (Perret et al). 1986; **107**:244-52
Collagen
Von Willebrand factor–dependent agglutination of washed fixed human platelets by insoluble collagen isolated from bovine aorta (Perret et al). 1986; **107**:244-52
Complement
Hemolytic activity of leukemic sera: The role of complement and sucrose (Berchtold et al). 1986; **107**:544-50
Indirect platelet radioactive antiglobulin test in patients with lymphoproliferative disease (Garvey and Freedman). 1986; **107**:123-8
Connective tissue
Polynucleotide antibodies in connective tissue disease: Viral markers or disease mediators? (Spencer-Green et al). 1986; **107**:159-65
Correspondence
Letters. 1986; **107**:396-7
Cortex
Characteristics of high-affinity and low-affinity adenosine binding sites in human cerebral cortex (Erratum) (John and Fox, 1985; **106**:401-7). 1986; **107**:85
Cover illustrations
Cover illustration notes. 1986; **107**:101-2, 185-6, 279-80, 398, 479-80, 563-4
Coxsackievirus
Coxsackievirus B3 murine myocarditis: Deleterious effects of nonsteroidal anti-inflammatory agents (Rezkalla et al). 1986; **107**:393-5

Crohn's disease
Serum antibodies from patients with Crohn's disease and from their household members react with murine lymphomas induced by Crohn's disease tissue filtrates (Das et al). 1986; **107**:95-100
Cross-linked fibrin degradation products
Specific identification of urinary fibrinogen, fibrinogen degradation products, and cross-linked fibrin degradation products in renal diseases and after renal allotransplantation (Scott et al). 1986; **107**:534-43
Culture
Release of prostacyclin after erythrocyte adhesion to cultured vascular endothelium (Wautier et al). 1986; **107**:210-5
Simple radioimmunoassay for transferrin using insolubilized antitransferrin antibodies: Its application to cultured cells (Anderson et al). 1986; **197**:59-65

D

Degradation products
Specific identification of urinary fibrinogen, fibrinogen degradation products, and cross-linked fibrin degradation products in renal diseases and after renal allotransplantation (Scott et al). 1986; **107**:534-43
Diabetes
Pathways responsible for platelet hypersensitivity in rats with diabetes. I. Streptozocin-induced diabetes (Winocour et al). 1986; **107**:148-53
Pathways responsible for platelet hypersensitivity in rats with diabetes. II. Spontaneous diabetes in BB Wistar rats (Winocour et al). 1986; **107**:154-8
Dialysis
Hemodialysis hemodynamics in an animal model: Effect of using an acetate-buffered dialysate (Daugirdas et al). 1986; **107**:517-24
Loss of bone resulting from accumulation of aluminum in bone of patients undergoing dialysis (Faugere et al). 1986; **107**:481-7
Dichloroacetate
Therapeutic benefit of dichloroacetate in experimentally induced hypoxic lactic acidosis (Abu Romeh and Tannen). 1986; **107**:378-83
Diet
Dietary carbohydrate level determines the effect of long-term ethanol ingestion on rat pancreatic amylase content (Ponnappa et al). 1986; **107**:556-63
Early nutrition and intestinal transport function: Effect of low-cholesterol diet (Thomson). 1986; **107**:365-77
Dimethyl sulfoxide
Interactions of dimethyl sulfoxide and nonsteroidal anti-inflammatory agents in passive Heymann's nephritis (Kaplan et al). 1986; **107**:425-30
Disseminated intravascular coagulation
Disseminated intravascular coagulation following *Echis carinatus* venom in dogs: Effects of a synthetic thrombin inhibitor (Schaeffer et al). 1986; **107**:488-97
Dopamine
Dopamine receptor blockade does not affect the natriuresis accompanying sodium chloride infusion in dogs (Bradley et al). 1986; **107**:525-8
Dose dependence
Dose dependence of nicotinic acid–induced hyperbilirubinemia and its dissociation from hemolysis in Gilbert's syndrome (Gentile et al). 1986; **107**:166-7
Drug interaction
Interactions of dimethyl sulfoxide and nonsteroidal anti-inflammatory agents in passive Heymann's nephritis (Kaplan et al). 1986; **107**:425-30

E

***Echis carinatus* venom**
Disseminated intravascular coagulation following *Echis carinatus* venom in dogs: Effects of a synthetic thrombin inhibitor (Schaeffer et al). 1986; **107**:488-97
Eicosatetraenoic acid
Aspirin inhibits platelet 12-hydroxy-eicosatetraenoic acid formation (Eynard et al). 1986; **107**:73-8
Elimination
Characteristics of renal *p*-aminohippurate and urate excretion in rabbits (Donoso and Grantham). 1986; **107**:315-21
Essential trace metal excretion from rats with lead exposure and during chelation therapy (Victery et al). 1986; **107**:129-35
Improved technique for measuring fecal energy loss in normal and malabsorbing humans (Zarling et al). 1986; **107**:5-9
Intravenous administration of prostacyclin in rabbits: Elimination kinetics and blood pressure response (Skrinska et al). 1986; **107**:187-93
ELISA; ***see*** **Enzyme-linked immunosorbent assay**
Endothelium
Release of prostacyclin after erythrocyte adhesion to cultured vascular endothelium (Wautier et al). 1986; **107**:210-5
Energy
Changes in oxidative phosphorylation, adenylate energy charge, and respiratory components in chloramphenicol-treated regenerating rat liver (Morimoto et al). 1986; **107**:194-8
Improved technique for measuring fecal energy loss in normal and malabsorbing humans (Zarling et al). 1986; **107**:5-9
Enzyme-linked immunosorbent assay
Assay for antibodies to group C and G streptococcal carbohydrate by enzyme-linked immunosorbent assay (Ayoub et al). 1986; **107**:204-9
Erythrocyte
Erythrocyte antioxidants and membrane vulnerability (Hebbel). 1986; **107**:401-4 (Editorial)
Na-K-adenosine triphosphatase and cation content in the erythrocyte in essential hypertension (Rahman et al). 1986; **107**:337-41
Release of prostacyclin after erythrocyte adhesion to cultured vascular endothelium (Wautier et al). 1986; **107**:210-5
Erythroid progenitor cell
Action of antithymocyte globulin on normal human erythroid progenitor cell proliferation in vitro: Erythropoietic growth-enhancing factors are released from marrow accessory cells (Mangan et al). 1986; **107**:352-64
Essential hypertension; ***see also*** **Blood pressure**
Na-K-adenosine triphosphatase and cation content in the erythrocyte in essential hypertension (Rahman et al). 1986; **107**:337-41
Essential trace metal
Essential trace metal excretion from rats with lead exposure and during chelation therapy (Victery et al). 1986; **107**:129-35
Esterification
Cholesterol esterification rate and its relation to lipoprotein levels in plasma in normal human pregnancy (Wallentin and Fåhraeus). 1986; **107**:216-20
Ethanol
Dietary carbohydrate level determines the effect of long-term ethanol ingestion on rat pancreatic amylase content (Ponnappa et al). 1986; **107**:556-63
Ethanol inhibits triglyceride synthesis and secretion by human small intestinal mucosa (Zimmerman et al). 1986; **107**:498-501
Rapid ethanol elimination in patients with type I glycogen storage disease is an adaptive change resulting from recurrent hypoglycemia (Greene et al). 1986; **107**:118-22
Excretion; ***see also*** **Elimination**
Characteristics of renal *p*-aminohippurate and urate excretion in rabbits (Donoso and Grantham). 1986; **107**:315-21
Essential trace metal excretion from rats with lead exposure and during chelation therapy (Victery et al). 1986; **107**:129-35
Intravenous administration of prostacyclin in rabbits: Elimination kinetics and blood pressure response (Skrinska et al). 1986; **107**:187-93

F

Factor VIII
Antihemophilic factor (factor VIII) preparations inhibit lymphocyte proliferation and production of interleukin-2 (Lederman et al). 1986; **107**:471-8
Impaired cell-mediated immunity in hemophilia: Suppression of natural killer activity by factor VIII (Ablin and Bartkus) (Letter); (Lederman and Ratnoff) (Reply). 1986; **107**:396-7
Visualization of the multimeric structure of von Willebrand factor using a peroxidase-conjugated second antibody (Zaleski and Henriksen). 1986; **107**:172-5
Von Willebrand factor–dependent agglutination of washed fixed human platelets by insoluble collagen isolated from bovine aorta (Perret et al). 1986; **107**:244-52

Factor IX
Calcium-specific immunoassays for factor IX: Reduced levels of antigen in patients with vitamin K disorders (Bray et al). 1986; **107**:269-78

Fecal energy loss
Improved technique for measuring fecal energy loss in normal and malabsorbing humans (Zarling et al). 1986; **107**:5-9

Ferritin
Serum ferritin in the assessment of liver iron overload and iron removal therapy in porphyria cutanea tarda (Rocchi et al). 1986; **107**:36-42

Fibrin
Degradation of cross-linked fibrin by human leukocyte proteases (Francis and Marder). 1986; **107**:342-52
Granulocyte lysosomal cationic protein alters fibrin assembly: A possible mechanism for granulocyte control of clot structure (Carr et al). 1986; **107**:199-203
Specific identification of urinary fibrinogen, fibrinogen degradation products, and cross-linked fibrin degradation products in renal diseases and after renal allotransplantation (Scott et al). 1986; **107**:534-43

Fibrinogen
Specific identification of urinary fibrinogen, fibrinogen degradation products, and cross-linked fibrin degradation products in renal diseases and after renal allotransplantation (Scott et al). 1986; **107**:534-43

Fibronectin
Binding of human fibronectin to antigen-antibody complexes (Cosio and Bakaletz). 1986; **107**:453-8

Fibrosis
Role of inflammation in the lung disease of systemic sclerosis: Comparison with idiopathic pulmonary fibrosis (Owens et al). 1986; **107**:253-60

Flint, Austin
Austin Flint, M.D. (1812-1886) (Warren). 1986; **107**:563-4 (Cover illus. note)

Folate
Clinical studies of intestinal folate conjugases (Halsted et al). 1986; **107**:228-32

Free radical
Effect of vitamin E deficiency and selenium deficiency on insulin secretory reserve and free radical scavenging system in islets: Decrease of islet manganosuperoxide dismutase (Asayama et al). 1986; **107**:459-64

Furosemide
Response of the renal K^+-conserving mechanism to kaliuretic stimuli: Evidence for a direct kaliuretic effect by furosemide (Tannen and Gerrits). 1986; **107**:176-84

G

Gastric absorption
Gastric absorption of D-xylose in the rat: Its influence on the D-xylose absorption test (Stradley et al). 1986; **107**:10-4

Gilbert's syndrome
Dose dependence of nicotinic acid–induced hyperbilirubinemia and its dissociation from hemolysis in Gilbert's syndrome (Gentile et al). 1986; **107**:166-71

Globulin
Action of antithymocyte globulin on normal human erythroid progenitor cell proliferation in vitro: Erythropoietic growth-enhancing factors are released from marrow accessory cells (Mangan et al). 1986; **107**:352-64

Glomerulus; *see also* **Kidney**
Effect of aspirin and sulindac in rabbit nephrotoxic nephritis (Bertani et al). 1986; **107**:261-8
Glomerular and tubular dynamics in mercuric chloride–induced acute renal failure (Conger and Falk). 1986; **107**:281-9
Mode of inheritance of Samoyed hereditary glomerulopathy: An animal model for hereditary nephritis in humans (Jansen et al). 1986; **107**:551-5

Glucose-6-phosphate dehydrogenase
Characteristics and significance of the reverse glucose-6-phosphate dehydrogenase reaction (Beutler and Kuhl). 1986; **107**:502-7

Glycogen storage disease
Rapid ethanol elimination in patients with type I glycogen storage disease is an adaptive change resulting from recurrent hypoglycemia (Greene et al). 1986; **107**:118-22

Glycoprotein
Studies on the binding of an alloimmune and two murine monoclonal antibodies to the platelet glycoprotein IIb-IIIa complex receptor (Coller et al). 1986; **107**:384-92

Granulocyte
Granulocyte lysosomal cationic protein alters fibrin assembly: A possible mechanism for granulocyte control of clot structure (Carr et al). 1986; **107**:199-203

H

H_2-receptor
Effect of H_2-receptor antagonists on steady-state extraction of indocyanine green and lidocaine by the perfused rat liver (Roberts et al). 1986; **107**:112-7

Heart
Coxsackievirus B3 murine myocarditis: Deleterious effects of nonsteroidal anti-inflammatory agents (Rezkalla et al). 1986; **107**:393-5

Hemodialysis
Hemodialysis hemodynamics in an animal model: Effect of using an acetate-buffered dialysate (Daugirdas et al). 1986;**107**:517-24

Hemodynamics
Hemodialysis hemodynamics in an animal model: Effect of using an acetate-buffered dialysate (Daugirdas et al). 1986;**107**:517-24

Hemolysis
Dose dependence of nicotinic acid–induced hyperbilirubinemia and its dissociation from hemolysis in Gilbert's syndrome (Gentile et al). 1986; **107**:166-71
Hemolytic activity of leukemic sera: The role of complement and sucrose (Berchtold et al). 1986; **107**:544-50

Hemophilia; *see also* **Factor VIII**
Impaired cell-mediated immunity in hemophilia: Suppression of natural killer activity by factor VIII (Ablin and Bartkus) (Letter); (Lederman and Ratnoff) (Reply). 1986; **107**:396-7

Hepatic metabolism; *see also* **Liver**
Primate model for the study of hepatic metabolism of lipoprotein cholesterol (Redinger et al). 1986; **107**:103-11

Hereditary glomerulopathy
Mode of inheritance of Samoyed hereditary glomerulopathy: An animal model for hereditary nephritis in humans (Jansen et al). 1986; **107**:551-5

Heymann's nephritis
Interactions of dimethyl sulfoxide and nonsteroidal anti-inflammatory agents in passive Heymann's nephritis (Kaplan et al). 1986; **107**:425-30

Hirschfelder, Arthur Douglass
Arthur Douglass Hirschfelder (1879-1942) (Warren). 1986; **107**:479-80 (Cover illus. note)

Histamine
Effect of H_2-receptor antagonists on steady-state extraction of indocyanine green and lidocaine by the perfused rat liver (Roberts et al). 1986; **107**:112-7

Hyaluronic acid
Removal of hyaluronic acid from the circulation in rheumatoid disease and primary biliary cirrhosis (Fraser et al). 1986; **107**:79-85
Hydrogen peroxide
Spontaneous hydrogen peroxide release from alveolar macrophages of some cigarette smokers (Baughman et al). 1986; **107**:233-7
Hydrophobicity
Bacterial adherence to intravenous catheters and needles and its influence by cannula type and bacterial surface hydrophobicity (Ashkenazi et al). 1986; **107**:136-40
Hydrostatic-oncotic balance
Ascites kinetics in cirrhosis: Relationship to plasma-ascites hydrostatic-oncotic balance and intensity of renal sodium retention (Rector et al). 1986; **107**:412-9
12-Hydroxy-eicosatetraenoic acid
Aspirin inhibits platelet 12-hydroxy-eicosatetraenoic acid formation (Eynard et al). 1986; **107**:73-8
Hyperbilirubinemia
Dose dependence of nicotinic acid–induced hyperbilirubinemia and its dissociation from hemolysis in Gilbert's syndrome (Gentile et al). 1986; **107**:166-7
Hypercalcemia
Subtotal nephrectomy in the rabbit: A model of chronic hypercalcemia, nephrolithiasis, and obstructive nephropathy (Eddy et al). 1986; **107**:508-16
Hypersensitivity
Pathways responsible for platelet hypersensitivity in rats with diabetes. I. Streptozocin-induced diabetes (Winocour et al). 1986; **107**:148-53
Pathways responsible for platelet hypersensitivity in rats with diabetes. II. Spontaneous diabetes in BB Wistar rats (Winocour et al). 1986; **107**:154-8
Hypertension; *see also* **Blood pressure**
Cell growth and sodium content in the serum of uninephrectomized and renal hypertensive dogs (Simon et al). 1986; **107**:439-46
Na-K-adenosine triphosphatase and cation content in the erythrocyte in essential hypertension (Rahman et al). 1986; **107**:337-41
Hypochlorous acid
Effect of temperature on production of hypochlorous acid by stimulated human neutrophils (Severns et al). 1986; **107**:29-35
Hypoglycemia
Rapid ethanol elimination in patients with type I glycogen storage disease is an adaptive change resulting from recurrent hypoglycemia (Greene et al). 1986; **107**:118-22
Hypoxia
Therapeutic benefit of dichloroacetate in experimentally induced hypoxic lactic acidosis (Abu Romeh and Tannen). 1986; **107**:378-83

I

Idiopathic pulmonary fibrosis
Role of inflammation in the lung disease of systemic sclerosis: Comparison with idiopathic pulmonary fibrosis (Owens et al). 1986; **107**:253-60
Immunity
Immune response to moxalactam in rabbits and in humans (Branch et al). 1986; **107**:15-22
Impaired cell-mediated immunity in hemophilia: Suppression of natural killer activity by factor VIII (Ablin and Bartkus) (Letter); (Lederman and Ratnoff) (Reply). 1986; **107**:396-7
Immunoassay; *see also* **Assay**
Assay for antibodies to group C and G streptococcal carbohydrate enzyme-linked immunosorbent assay (Ayoub et al). 1986; **107**:204-9
Calcium-specific immunoassay for factor IX: Reduced levels of antigen in patients with vitamin K disorders (Bray et al). 1986; **107**:269-78
Simple immunochromometric assay for protein C activity (Exner and Koutts). 1986; **107**:405-11
Immunoglobulin
19S IgM rheumatoid factor–7S IgG rheumatoid factor immune complexes isolated in patients with rheumatoid arthritis (Moore et al). 1986; **107**:465-70
Relationship of platelet-associated immunoglobulin G and platelet protein to platelet size and density in normal individuals and patients with thrombocytopenia (Pfueller et al). 1986; **107**:299-305
Immunosuppression
Antihemophilic factor (factor VIII) preparations inhibit lymphocyte proliferation and production of interleukin-2 (Lederman et al). 1986; **107**:471-8
Indirect platelet radioactive antiglobulin test
Indirect platelet radioactive antiglobulin test in patients with lymphoproliferative disease (Garvey and Freedman). 1986; **107**:123-8
Indium 111
Indium 111–mercaptopyridine *N*-oxide–labeled human leukocytes and platelets: Mechanism of labeling and intracellular location of ^{111}In and mercaptopyridine *N*-oxide (Thakur and McKenney). 1986; **107**:141-7
Indocyanine green
Effect of H_2-receptor antagonists on steady-state extraction of indocyanine green and lidocaine by the perfused rat liver (Roberts et al). 1986; **107**:112-7
Indomethacin
Interactions of dimethyl sulfoxide and nonsteroidal anti-inflammatory agents in passive Heymann's nephritis (Kaplan et al). 1986; **107**:425-30
Infusion
Dopamine receptor blockade does not affect the natriuresis accompanying sodium chloride infusion in dogs (Bradley et al). 1986; **107**:525-8
Inheritance
Mode of inheritance of Samoyed hereditary glomerulopathy: An animal model for hereditary nephritis in humans (Jansen et al). 1986; **107**:551-5
Insulin
Effect of vitamin E deficiency and selenium deficiency on insulin secretory reserve and free radical scavenging system in islets: Decrease of islet manganosuperoxide dismutase (Asayama et al). 1986; **107**:459-64
Interleukin-2
Antihemophilic factor (factor VIII) preparations inhibit lymphocyte proliferation and production of interleukin-2 (Lederman et al). 1986; **107**:471-8
Intestine
Clinical studies of intestinal folate conjugases (Halsted et al). 1986; **107**:228-32
Early nutrition and intestinal transport function: Effect of low-cholesterol diet (Thomson). 1986; **107**:365-77
Ethanol inhibits triglyceride synthesis and secretion by human small intestinal mucosa (Zimmerman et al). 1986; **107**:498-501
Intestinal brush border peptidases: Activities in normal and abnormal peroral intestinal biopsy specimens (Tobey et al). 1986; **107**:221-7
Intestinal surface acid microclimate in vitro and in vivo in the rat (Said et al). 1986; **107**:420-4
Polyethylene glycol polymers of low molecular weight as probes of intestinal permeability. I. Innovations in analysis and quantitation (Irving et al). 1986; **107**:290-8
Intrarenal vascular resistance
Effect of premercurial resetting of intrarenal vascular resistance on $HgCl_2$-induced acute renal failure (Vanholder et al). 1986; **107**:327-36
Intravascular coagulation; *see also* **Coagulation**
Disseminated intravascular coagulation following *Echis carinatus* venom in dogs: Effects of a synthetic thrombin inhibitor (Schaeffer et al). 1986; **107**:488-97
Intravenous administration
Intravenous administration of prostacyclin in rabbits: Elimination

kinetics and blood pressure response (Skrinska et al). 1986; **107**:187-93

Intravenous catheter
Bacterial adherence to intravenous catheters and needles and its influence by cannula type and bacterial surface hydrophobicity (Ashkenazi et al). 1986; **107**:136-40

Iron
Host-associated iron transfer factor in normal humans and patients with transfusion siderosis (Jones et al). 1986; **107**:431-8
Serum ferritin in the assessment of liver iron overload and iron removal therapy in porphyria cutanea tarda (Rocchi et al). 1986; **107**:36-42

Irradiation
Inhibition of human lymphocyte proliferation by ultraviolet radiation: Effects of ultraviolet B (290 to 320 nm) on T-lymphocytes, monocyte accessory function, and induction of suppressor mechanisms (Lederman et al). 1986; **107**:66-72

Islet cell
Effect of vitamin E deficiency and selenium deficiency on insulin secretory reserve and free radical scavenging system in islets: Decrease of islet manganosuperoxide dismutase (Asayama et al). 1986; **107**:459-64

K

Kalluresis
Response of the renal K^+-conserving mechanism to kaliuretic stimuli: Evidence for a direct kaliuretic effect by furosemide (Tannen and Gerrits). 1986; **107**:176-84

Kidney
Ascites kinetics in cirrhosis: Relationship to plasma-ascites hydrostatic-oncotic balance and intensity of renal sodium retention (Rector et al). 1986; **107**:412-9
Cell growth and sodium content in the serum of uninephrectomized and renal hypertensive dogs (Simon et al). 1986; **107**:439-46
Characteristics of renal *p*-aminohippurate and urate excretion in rabbits (Donoso and Grantham). 1986; **107**:315-22
Effect of aspirin and sulindac in rabbit nephrotoxic nephritis (Bertani et al). 1986; **107**:261-8
Effect of blood pressure on the progress of renal deterioration in rats with renal mass reduction (Tsuruda et al). 1986; **107**:43-50
Effect of premercurial resetting of intrarenal vascular resistance on $HgCl_2$-induced acute renal failure (Vanholder et al). 1986; **107**:327-36
Glomerular and tubular dynamics in mercuric chloride–induced acute renal failure (Conger and Falk). 1986; **107**:281-9
Interactions of dimethyl sulfoxide and nonsteroidal anti-inflammatory agents in passive Heymann's nephritis (Kaplan et al). 1986; **107**:425-30
Mode of inheritance of Samoyed hereditary glomerulopathy: An animal model for hereditary nephritis in humans (Jansen et al). 1986; **107**:551-5
Response of the renal K^+-conserving mechanism to kaliuretic stimuli: Evidence for a direct kaliuretic effect by furosemide (Tannen and Gerrits). 1986; **107**:176-84
Specific identification of urinary fibrinogen, fibrinogen degradation products, and cross-linked fibrin degradation products in renal diseases and after renal allotransplantation (Scott et al). 1986; **107**:534-43
Subtotal nephrectomy in the rabbit: A model of chronic hypercalcemia, nephrolithiasis, and obstructive nephropathy (Eddy et al). 1986; **107**:508-16

Killer cell
Impaired cell-mediated immunity in hemophilia: Suppression of natural killer activity by factor VIII (Ablin and Bartkus) (Letter); (Lederman and Ratnoff) (Reply). 1986; **107**:396-7

Kinetics
Ascites kinetics in cirrhosis: Relationship to plasma-ascites hydrostatic-oncotic balance and intensity of renal sodium retention (Rector et al). 1986; **107**:412-9
Intravenous administration of prostacyclin in rabbits: Elimination kinetics and blood pressure response (Skrinska et al). 1986; **107**:187-93

L

Lactic acid
Therapeutic benefit of dichloroacetate in experimentally induced hypoxic lactic acidosis (Abu Romeh and Tannen). 1986; **107**:378-83

Lead
Essential trace metal excretion from rats with lead exposure and during chelation therapy (Victery et al). 1986; **107**:129-35

Letters
Letters. 1986; **107**:396-7

Leukemia
Hemolytic activity of leukemic sera: The role of complement and sucrose (Berchtold et al). 1986; **107**:544-50

Leukocyte
Agonist-induced β-adrenergic receptor internalization on intact human mononuclear leukocytes: Effect of temperature of mononuclear leukocyte separation (De Blasi et al). 1986; **107**:86-94
Degradation of cross-linked fibrin by human leukocyte proteases (Francis and Marder). 1986; **107**:342-52
Indium 111–mercaptopyridine *N*-oxide–labeled human leukocytes and platelets: Mechanism of labeling and intracellular location of ^{111}In and mercaptopyridine *N*-oxide (Thakur and McKenney). 1986; **107**:141-7

Lidocaine
Effect of H_2-receptor antagonists on steady-state extraction of indocyanine green and lidocaine by the perfused rat liver (Roberts et al). 1986; **107**:112-7

Lipoprotein
Cholesterol esterification rate and its relation to lipoprotein levels in plasma in normal human pregnancy (Wallentin and Fåhraeus). 1986; **107**:216-20
Primate model for the study of hepatic metabolism of lipoprotein cholesterol (Redinger et al). 1986; **107**:103-11

Liver
Changes in oxidative phosphorylation, adenylate energy charge, and respiratory components in chloramphenicol-treated regenerating rat liver (Morimoto et al). 1986; **107**:194-8
Effect of H_2-receptor antagonists on steady-state extraction of indocyanine green and lidocaine by the perfused rat liver (Roberts et al). 1986; **107**:112-7
Primate model for the study of hepatic metabolism of lipoprotein cholesterol (Redinger et al). 1986; **107**:103-11
Removal of hyaluronic acid from the circulation in rheumatoid disease and primary biliary cirrhosis (Fraser et al). 1986; **107**:79-85
Serum ferritin in the assessment of liver iron overload and iron removal therapy in porphyria cutanea tarda (Rocchi et al). 1986; **107**:36-42

Lung
Role of inflammation in the lung disease of systemic sclerosis: Comparison with idiopathic pulmonary fibrosis (Owens et al). 1986; **107**:253-60

Lymphocyte
Antihemophilic factor (factor VIII) preparations inhibit lymphocyte proliferation and production of interleukin-2 (Lederman et al). 1986; **107**:471-8
Inhibition of human lymphocyte proliferation by ultraviolet radiation: Effects of ultraviolet B (290 to 320 nm) on T-lymphocytes, monocyte accessory function, and induction of suppressor mechanisms (Lederman et al). 1986; **107**:66-72

Lymphoma
Serum antibodies from patients with Crohn's disease and from their household members react with murine lymphomas induced by Crohn's disease tissue filtrates (Das et al). 1986; **107**:95-100

Lymphoproliferative disease
Indirect platelet radioactive antiglobulin test in patients with lymphoproliferative disease (Garvey and Freedman). 1986; **107**:123-8

Lysosome
Granulocyte lysosomal cationic protein alters fibrin assembly: A possible mechanism for granulocyte control of clot structure (Carr et al). 1986; **107**:199-203

M

Macrophage
Spontaneous hydrogen peroxide release from alveolar macrophages of some cigarette smokers (Baughman et al). 1986; **107**:233-7

Malabsorption
Improved technique for measuring fecal energy loss in normal and malabsorbing humans (Zarling et al). 1986; **107**:5-9

Manganosuperoxide dismutase
Effect of vitamin E deficiency and selenium deficiency on insulin secretory reserve and free radical scavenging system in islets: Decrease of islet manganosuperoxide dismutase (Asayama et al). 1986; **107**:459-64

Marker
Polynucleotide antibodies in connective tissue disease: Viral markers or disease mediators? (Spencer-Green et al). 1986; **107**:159-65

Marrow
Action of antithymocyte globulin on normal human erythroid progenitor cell proliferation in vitro: Erythropoietic growth-enhancing factors are released from marrow accessory cells (Mangan et al). 1986; **107**:352-64

Mediator
Polynucleotide antibodies in connective tissue disease: Viral markers or disease mediators? (Spencer-Green et al). 1986; **107**:159-65

Membrane
Erythrocyte antioxidants and membrane vulnerability (Hebbel). 1986; **107**:401-4 (Editorial)

Mercaptopyridine
Indium 111–mercaptopyridine *N*-oxide–labeled human leukocytes and platelets: Mechanism of labeling and intracellular location of ^{111}In and mercaptopyridine *N*-oxide (Thakur and McKenney). 1986; **107**:141-7

Mercuric chloride
Effect of premercurial resetting of intrarenal vascular resistance on $HgCl_2$-induced acute renal failure (Vanholder et al). 1986; **107**:327-36
Glomerular and tubular dynamics in mercuric chloride–induced acute renal failure (Conger and Falk). 1986; **107**:281-9

Metabolism
Primate model for the study of hepatic metabolism of lipoprotein cholesterol (Redinger et al). 1986; **107**:103-11

Metal
Essential trace metal excretion from rats with lead exposure and during chelation therapy (Victery et al). 1986; **107**:129-35

Microclimate
Intestinal surface acid microclimate in vitro and in vivo in the rat (Said et al). 1986; **107**:420-4

Micropipette aspiration
Micropipette aspiration of human platelets: Influence of rewarming on deformability of chilled cells (Burris et al). 1986; **107**:238-43

Mitochondria
New technique for the isolation of functional rat pancreatic mitochondria and its application to models of pancreatic injury (Wilson et al). 1986; **107**:51-8

Monoclonal antibody
Studies on the binding of an alloimmune and two murine monoclonal antibodies to the platelet glycoprotein IIb-IIIa complex receptor (Coller et al). 1986; **107**:384-92

Monocyte
Inhibition of human lymphocyte proliferation by ultraviolet radiation: Effects of ultraviolet B (290 to 320 nm) on T-lymphocytes, monocyte accessory function, and induction of suppressor mechanisms (Lederman et al). 1986; **107**:66-72

Mononuclear cell
Agonist-induced β-adrenergic receptor internalization on intact human mononuclear leukocytes: Effect of temperature of mononuclear leukocyte separation (De Blasi et al). 1986; **107**:86-94
Mononuclear cells from patients with polymyositis inhibit calcium binding by sarcoplasmic reticulum (Kalovidouris). 1986; **107**:23-8

Moore, Carl Vernon
Carl Vernon Moore (1908-1972) (Warren). 1986; **107**:279-80 (Cover illus. note)

Moxalactam
Immune response to moxalactam in rabbits and in humans (Branch et al). 1986; **107**:15-22

Mucosa
Ethanol inhibits triglyceride synthesis and secretion by human small intestinal mucosa (Zimmerman et al). 1986; **107**:498-501

Myocarditis
Coxsackievirus B3 murine myocarditis: Deleterious effects of nonsteroidal anti-inflammatory agents (Rezkalla et al). 1986; **107**:393-5

N

Natriuresis; *see also* Sodium
Dopamine receptor blockade does not affect the natriuresis accompanying sodium chloride infusion in dogs (Bradley et al). 1986; **107**:525-8

Needle
Bacterial adherence to intravenous catheters and needles and its influence by cannula type and bacterial surface hydrophobicity (Ashkenazi et al). 1986; **107**:136-40

Nephrectomy; *see also* Kidney
Cell growth and sodium content in the serum of uninephrectomized and renal hypertensive dogs (Simon et al). 1986; **107**:439-46
Subtotal nephrectomy in the rabbit: A model of chronic hypercalcemia, nephrolithiasis, and obstructive nephropathy (Eddy et al). 1986; **107**:508-16

Nephritis; *see also* Kidney
Effect of aspirin and sulindac in rabbit nephrotoxic nephritis (Bertani et al). 1986; **107**:261-8
Interactions of dimethyl sulfoxide and nonsteroidal anti-inflammatory agents in passive Heymann's nephritis (Kaplan et al). 1986; **107**:425-30
Mode of inheritance of Samoyed hereditary glomerulopathy: An animal model for hereditary nephritis in humans (Jansen et al). 1986; **107**:551-5

Nephrolithiasis
Subtotal nephrectomy in the rabbit: A model of chronic hypercalcemia, nephrolithiasis, and obstructive nephropathy (Eddy et al). 1986; **107**:508-16

Nephropathy
Subtotal nephrectomy in the rabbit: A model of chronic hypercalcemia, nephrolithiasis, and obstructive nephropathy (Eddy et al). 1986; **107**:508-16

Nephrotoxicity
Effect of aspirin and sulindac in rabbit nephrotoxic nephritis (Bertani et al). 1986; **107**:261-8

Neutrophil
Effect of temperature on production of hypochlorous acid by stimulated human neutrophils (Severns et al). 1986; **107**:29-35

Nicotinic acid
Dose dependence of nicotinic acid–induced hyperbilirubinemia and its dissociation from hemolysis in Gilbert's syndrome (Gentile et al). 1986; **107**:166-71

Nonsteroidal anti-inflammatory agent
Coxsackievirus B3 murine myocarditis: Deleterious effects of nonsteroidal anti-inflammatory agents (Rezkalla et al). 1986; **107**:393-5
Interactions of dimethyl sulfoxide and nonsteroidal anti-inflammatory agents in passive Heymann's nephritis (Kaplan et al). 1986; **107**:425-30

Nucleotide
Polynucleotide antibodies in connective tissue disease: Viral markers or disease mediator? (Spencer-Green et al). 1986; **107**:159-65

Nutrition
Dietary carbohydrate level determines the effect of long-term ethanol ingestion on rat pancreatic amylase content (Ponnappa et al). 1986; **107**:556-63

Early nutrition and intestinal transport function: Effect of low-cholesterol diet (Thomson). 1986; **107**:365-77

O

Obstructive nephropathy
Subtotal nephrectomy in the rabbit: A model of chronic hypercalcemia, nephrolithiasis, and obstructive nephropathy (Eddy et al). 1986; **107**:508-16

"Old Red," University of Texas Medical Branch
"Old Red" (Warren). 1986; **107**:398 (Cover illus. note)

Oxidative phosphorylation
Changes in oxidative phosphorylation, adenylate energy charge, and respiratory components in chloramphenicol-treated regenerating rat liver (Morimoto et al). 1986; **107**:194-8

P

Pancreas
Dietary carbohydrate level determines the effect of long-term ethanol ingestion on rat pancreatic amylase content (Ponnappa et al). 1986; **107**:556-63
New technique for the isolation of functional rat pancreatic mitochondria and its application to models of pancreatic injury (Wilson et al). 1986; **107**:51-8

Peptidase
Intestinal brush border peptidases: Activities in normal and abnormal peroral intestinal biopsy specimens (Tobey et al). 1986; **107**:221-7

Permeability
Polyethylene glycol polymers of low molecular weight as probes of intestinal permeability. I. Innovations in analysis and quantitation (Irving et al). 1986; **107**:290-8

Peroral intestinal biopsy
Intestinal brush border peptidases: Activities in normal and abnormal peroral intestinal biopsy specimens (Tobey et al). 1986; **107**:221-7

Peroxidase
Visualization of the multimeric structure of von Willebrand factor using a peroxidase-conjugated second antibody (Zaleski and Henriksen). 1986; **107**:172-5

Peroxide
Spontaneous hydrogen peroxide release from alveolar macrophages of some cigarette smokers (Baughman et al). 1986; **107**:233-7

Phosphorylation
Changes in oxidative phosphorylation, adenylate energy charge, and respiratory components in chloramphenicol-treated regenerating rat liver (Morimoto et al). 1986; **107**:194-8

Plasma
Ascites kinetics in cirrhosis: Relationship to plasma-ascites hydrostatic-oncotic balance and intensity of renal sodium retention (Rector et al). 1986; **107**:412-9
Cholesterol esterification rate and its relation to lipoprotein levels in plasma in normal human pregnancy (Wallentin and Fåhraeus). 1986; **107**:216-20
Indium 111–mercaptopyridine *N*-oxide–labeled human leukocytes and platelets: Mechanism of labeling and intracellular location of ^{111}In and mercaptopyridine *N*-oxide (Thakur and McKenney). 1986; **107**:141-7

Platelet
Aspirin inhibits platelet 12-hydroxy-eicosatetraenoic acid formation (Eynard et al). 1986; **107**:73-8
Indirect platelet radioactive antiglobulin test in patients with lymphoproliferative disease (Garvey and Freedman). 1986; **107**:123-8
Indium 111–mercaptopyridine *N*-oxide–labeled human leukocytes and platelets: Mechanism of labeling and intracellular location of ^{111}In and mercaptopyridine *N*-oxide (Thakur and McKenney). 1986; **107**:141-7
Micropipette aspiration of human platelets: Influence of rewarming on deformability of chilled cells (Burris et al). 1986; **107**:238-43
Pathways responsible for platelet hypersensitivity in rats with diabetes. I. Streptozocin-induced diabetes (Winocour et al). 1986; **107**:148-53
Pathways responsible for platelet hypersensitivity in rats with diabetes. II. Spontaneous diabetes in BB Wistar rats (Winocour et al). 1986; **107**:154-8
Relationship of platelet-associated immunoglobulin G and platelet protein to platelet size and density in normal individuals and patients with thrombocytopenia (Pfueller et al). 1986; **107**:299-305
Studies on the binding of an alloimmune and two murine monoclonal antibodies to the platelet glycoprotein IIb-IIIa complex receptor (Coller et al). 1986; **107**:384-92
Type-specific antibody prevents platelet aggregation induced by group B streptococci type III (Wood and Gray). 1986; **107**:322-6
Von Willebrand factor–dependent agglutination of washed fixed human platelets by insoluble collagen isolated from bovine aorta (Perret et al). 1986; **107**:244-52

Polyethylene glycol
Polyethylene glycol polymers of low molecular weight as probes of intestinal permeability. I. Innovations in analysis and quantitation (Irving et al). 1986; **107**:290-8

Polymer
Polyethylene glycol polymers of low molecular weight as probes of intestinal permeability. I. Innovations in analysis and quantitation (Irving et al). 1986; **107**:290-8

Polymyositis
Mononuclear cells from patients with polymyositis inhibit calcium binding by sarcoplasmic reticulum (Kalovidouris). 1986; **107**:23-8

Polynucleotide antibody
Polynucleotide antibodies in connective tissue disease: Viral markers or disease mediators? (Spencer-Green et al). 1986; **107**:159-65

Porphyria cutanea tarda
Serum ferritin in the assessment of liver iron overload and iron removal therapy in porphyria cutanea tarda (Rocchi et al). 1986; **107**:36-42

Potassium
Na-K-adenosine triphosphatase and cation content in the erythrocyte in essential hypertension (Rahman et al). 1986; **107**:337-41
Response of the renal K^+-conserving mechanism to kaliuretic stimuli: Evidence for a direct kaliuretic effect by furosemide (Tannen and Gerrits). 1986; **107**:176-84

Pregnancy
Cholesterol esterification rate and its relation to lipoprotein levels in plasma in normal human pregnancy (Wallentin and Fåhraeus). 1986; **107**:216-20

Presidential address
Presidential address (Ferris). 1986; **107**:399-400

Primate
Primate model for the study of hepatic metabolism of lipoprotein cholesterol (Redinger et al). 1986; **107**:103-11

Progenitor cell
Action of antithymocyte globulin on normal human erythroid progenitor cell proliferation in vitro: Erythropoietic growth-enhancing factors are released from marrow accessory cells (Mangan et al). 1986; **107**:352-64

Prostacyclin
Intravenous administration of prostacyclin in rabbits: Elimination kinetics and blood pressure response (Skrinska et al). 1986; **107**:187-93
Release of prostacyclin after erythrocyte adhesion to cultured vascular endothelium (Wautier et al). 1986; **107**:210-5

Protease
Degradation of cross-linked fibrin by human leukocyte proteases (Francis and Marder). 1986; **107**:342-52

Protein
Granulocyte lysosomal cationic protein alters fibrin assembly: A possible mechanism for granulocyte control of clot structure (Carr et al). 1986; **107**:199-203

Relationship between the component and regulatory proteins of the classical pathway C3 convertase (Welch et al). 1986; **107**:529-33

Simple immunochromometric assay for protein C activity (Exner and Koutts). 1986; **107**:405-11

Pulmonary fibrosis

Role of inflammation in the lung disease of systemic sclerosis: Comparison with idiopathic pulmonary fibrosis (Owens et al). 1986; **107**:253-60

R

Radiation

Inhibition of human lymphocyte proliferation by ultraviolet radiation: Effects of ultraviolet B (290 to 320 nm) on T-lymphocytes, monocyte accessory function, and induction of suppressor mechanisms (Lederman et al). 1986; **107**:66-72

Radical

Effect of vitamin E deficiency and selenium deficiency on insulin secretory reserve and free radical scavenging system in islets: Decrease of islet manganosuperoxide dismutase (Asayama et al). 1986; **107**:459-64

Radioactive antiglobulin test

Indirect platelet radioactive antiglobulin test in patients with lymphoproliferative disease (Garvey and Freedman). 1986; **107**:123-8

Radioimmunoassay

Simple radioimmunoassay for transferrin using insolubilized antitransferrin antibodies: Its application to cultured cells (Anderson et al). 1986; **107**:59-65

Receptor

Agonist-induced β-adrenergic receptor internalization on intact human mononuclear leukocytes: Effect of temperature of mononuclear leukocyte separation (De Blasi et al). 1986; **107**:86-94

Dopamine receptor blockade does not affect the natriuresis accompanying sodium chloride infusion in dogs (Bradley et al). 1986; **107**:525-8

Effect of H_2-receptor antagonists on steady-state extraction of indocyanine green and lidocaine by the perfused rat liver (Roberts et al). 1986; **107**:112-7

Studies on the binding of an alloimmune and two murine monoclonal antibodies to the platelet glycoprotein IIb-IIIa complex receptor (Coller et al). 1986; **107**:384-92

Regulatory protein

Relationship between the component and regulatory proteins of the classical pathway C3 convertase (Welch et al). 1986; **107**:529-33

Renal disease; *see also* **Kidney**

Mode of inheritance of Samoyed hereditary glomerulopathy: An animal model for hereditary nephritis in humans (Jansen et al). 1986; **107**:551-5

Specific identification of urinary fibrinogen, fibrinogen degradation products, and cross-linked fibrin degradation products in renal diseases and after renal allotransplantation (Scott et al). 1986; **107**:534-43

Renal excretion; *see also* **Elimination; Excretion**

Characteristics of renal *p*-aminohippurate and urate excretion in rabbits (Donoso and Grantham). 1986; **107**:315-21

Renal failure; *see also* **Kidney**

Effect of premercurial resetting of intrarenal vascular resistance on $HgCl_2$-induced acute renal failure (Vanholder et al). 1986; **107**:327-36

Glomerular and tubular dynamics in mercuric chloride–induced acute renal failure (Conger and Falk). 1986; **107**:281-9

Renal mass reduction

Effect of blood pressure on the progress of renal deterioration in rats with renal mass reduction (Tsuruda et al). 1986; **107**:43-50

Renal potassium

Response of the renal K^+-conserving mechanism to kaliuretic stimuli: Evidence for a direct kaliuretic effect by furosemide (Tannen and Gerrits). 1986; **107**:176-84

Renal sodium retention

Ascites kinetics in cirrhosis: Relationship to plasma-ascites hydrostatic-oncotic balance and intensity of renal sodium retention (Rector et al). 1986; **107**:412-9

Renal transplantation

Specific identification of urinary fibrinogen, fibrinogen degradation products, and cross-linked fibrin degradation products in renal diseases and after renal allotransplantation (Scott et al). 1986; **107**:534-43

Respiratory component

Changes in oxidative phosphorylation, adenylate energy charge, and respiratory components in chloramphenicol-treated regenerating rat liver (Morimoto et al). 1986; **107**:194-8

Reticulum

Mononuclear cells from patients with polymyositis inhibit calcium binding by sarcoplasmic reticulum (Kalovidouris). 1986; **107**:23-8

Reverse glucose-6-phosphate dehydrogenase reaction

Characteristics and significance of the reverse glucose-6-phosphate dehydrogenase reaction (Beutler and Kuhl). 1986; **107**:502-7

Reviewers

List of reviewers. 1986; **107**:1-4

Rewarming

Micropipette aspiration of human platelets: Influence of rewarming on deformability of chilled cells (Burris et al). 1986; **107**:238-43

Rheumatoid disease

19S IgM rheumatoid factor–7S IgG rheumatoid factor immune complexes isolated in patients with rheumatoid arthritis (Moore et al). 1986; **107**:465-70

Removal of hyaluronic acid from the circulation in rheumatoid disease and primary biliary cirrhosis (Fraser et al). 1986; **107**:79-85

Rheumatoid factor

19S IgM rheumatoid factor–7S IgG rheumatoid factor immune complexes isolated in patients with rheumatoid arthritis (Moore et al). 1986; **107**:465-70

S

Samoyed hereditary glomerulopathy

Mode of inheritance of Samoyed hereditary glomerulopathy: An animal model for hereditary nephritis in humans (Jansen et al). 1986; **107**:551-5

Sarcoplasmic reticulum

Mononuclear cells from patients with polymyositis inhibit calcium binding by sarcoplasmic reticulum (Kalovidouris). 1986; **107**:23-8

Scavenger

Effect of vitamin E deficiency and selenium deficiency on insulin secretory reserve and free radical scavenging system in islets: Decrease of islet manganosuperoxide dismutase (Asayama et al). 1986; **107**:459-64

Sclerosis

Role of inflammation in the lung disease of systemic sclerosis: Comparison with idiopathic pulmonary fibrosis (Owens et al). 1986; **107**:253-60

Selenium

Effect of vitamin E deficiency and selenium deficiency on insulin secretory reserve and free radical scavenging system in islets: Decrease of islet manganosuperoxide dismutase (Asayama et al). 1986; **107**:459-64

Serum

Cell growth and sodium content in the serum of uninephrectomized and renal hypertensive dogs (Simon et al). 1986; **107**:439-46

Hemolytic activity of leukemic sera: The role of complement and sucrose (Berchtold et al). 1986; **107**:544-50

Indirect platelet radioactive antiglobulin test in patients with lymphoproliferative disease (Garvey and Freedman). 1986; **107**:123-8

Recognition of deficiency of vitamin B_{12} using measurement of serum concentration (Cooper et al). 1986; **107**:447-52

Serum antibodies from patients with Crohn's disease and from their household members react with murine lymphomas induced by Crohn's disease tissue filtrates (Das et al). 1986; **107**:95-100
Serum ferritin in the assessment of liver iron overload and iron removal therapy in porphyria cutanea tarda (Rocchi et al). 1986; **107**:36-42

Siderosis; *see also* **Iron**
Host-associated iron transfer factor in normal humans and patients with transfusion siderosis (Jones et al). 1986; **107**:431-8

Small intestine; *see also* **Intestine**
Ethanol inhibits triglyceride synthesis and secretion by human small intestinal mucosa (Zimmerman et al). 1986; **107**:498-501

Smoking
Spontaneous hydrogen peroxide release from alveolar macrophages of some cigarette smokers (Baughman et al). 1986; **107**:233-7

Sodium
Ascites kinetics in cirrhosis: Relationship to plasma-ascites hydrostatic-oncotic balance and intensity of renal sodium retention (Rector et al). 1986; **107**:412-9
Cell growth and sodium content in the serum of uninephrectomized and renal hypertensive dogs (Simon et al). 1986; **107**:439-46
Dopamine receptor blockade does not affect the natriuresis accompanying sodium chloride infusion in dogs (Bradley et al). 1986; **107**:525-8
Na-K-adenosine triphosphatase and cation content in the erythrocyte in essential hypertension (Rahman et al). 1986; **107**:337-41

Stomach
Gastric absorption of D-xylose in the rat: Its influence on the D-xylose absorption test (Stradley et al). 1986; **107**:10-4

Streptococci
Assay for antibodies to group C and G streptococcal carbohydrate by enzyme-linked immunosorbent assay (Ayoub et al). 1986; **107**:204-9
Type-specific antibody prevents platelet aggregation induced by group B streptococci type III (Wood and Gray). 1986; **107**:322-6

Streptozocin
Pathways responsible for platelet hypersensitivity in rats with diabetes. I. Streptozocin-induced diabetes (Winocour et al). 1986; **107**:148-53

Subtotal nephrectomy
Subtotal nephrectomy in the rabbit: A model of chronic hypercalcemia, nephrolithiasis, and obstructive nephropathy (Eddy et al). 1986; **107**:508-16

Sucrose
Hemolytic activity of leukemic sera: The role of complement and sucrose (Berchtold et al). 1986; **107**:544-50

Sulindac
Effect of aspirin and sulindac in rabbit nephrotoxic nephritis (Bertani et al). 1986; **107**:261-8

Suppressor mechanism
Inhibition of human lymphocyte proliferation by ultraviolet radiation: Effects of ultraviolet B (290 to 320 nm) on T-lymphocytes, monocyte accessory function, and induction of suppressor mechanisms (Lederman et al). 1986; **107**:66-72

Syndrome
Dose dependence of nicotinic acid–induced hyperbilirubinemia and its dissociation from hemolysis in Gilbert's syndrome (Gentile et al). 1986; **107**:166-71

Synthetic thrombin inhibitor
Disseminated intravascular coagulation following *Echis carinatus* venom in dogs: Effects of a synthetic thrombin inhibitor (Schaeffer et al). 1986; **107**:488-97

T

Temperature
Effect of temperature on production of hypochlorous acid by stimulated human neutrophils (Severns et al). 1986; **107**:29-35
Micropipette aspiration of human platelets: Influence of rewarming on deformability of chilled cells (Burris et al). 1986; **107**:238-43

Thrombin inhibitor
Disseminated intravascular coagulation following *Echis carinatus* venom in dogs: Effects of a synthetic thrombin inhibitor (Schaeffer et al). 1986; **107**:488-97

Thrombocytopenia
Relationship of platelet-associated immunoglobulin G and platelet protein to platelet size and density in normal individuals and patients with thrombocytopenia (Pfueller et al). 1986; **107**:299-305

T-lymphocyte; *see also* **Lymphocyte**
Inhibition of human lymphocyte proliferation by ultraviolet radiation: Effects of ultraviolet B (290 to 320 nm) on T-lymphocytes, monocyte accessory function, and induction of suppressor mechanisms (Lederman et al). 1986; **107**:66-72

Tobacco
Spontaneous hydrogen peroxide release from alveolar macrophages of some cigarette smokers (Baughman et al). 1986; **107**:233-7

Trace metal
Essential trace metal excretion from rats with lead exposure and during chelation therapy (Victery et al). 1986; **107**:129-35

Transfer factor
Host-associated iron transfer factor in normal humans and patients with transfusion siderosis (Jones et al). 1986; **107**:431-8

Transplantation
Specific identification of urinary fibrinogen, fibrinogen degradation products, and cross-linked fibrin degradation products in renal diseases and after renal allotransplantation (Scott et al). 1986; **107**:534-43

Transport
Early nutrition and intestinal transport function: Effect of low-cholesterol diet (Thomson). 1986; **107**:365-77

Triglyceride
Ethanol inhibits triglyceride synthesis and secretion by human small intestinal mucosa (Zimmerman et al). 1986; **107**:498-501

Tubule
Glomerular and tubular dynamics in mercuric chloride–induced acute renal failure (Conger and Falk). 1986; **107**:281-9

U

Ultraviolet radiation
Inhibition of human lymphocyte proliferation by ultraviolet radiation: Effects of ultraviolet B (290 to 320 nm) on T-lymphocytes, monocyte accessory function, and induction of suppressor mechanisms (Lederman et al). 1986; **107**:66-72

Urate
Characteristics of renal *p*-aminohippurate and urate excretion in rabbits (Donoso and Grantham). 1986; **107**:315-21

Urine
Essential trace metal excretion from rats with lead exposure and during chelation therapy (Victery et al). 1986; **107**:129-35
Specific identification of urinary fibrinogen, fibrinogen degradation products, and cross-linked fibrin degradation products in renal diseases and after renal allotransplantation (Scott et al). 1986; **107**:534-43

V

Vascular endothelium
Release of prostacyclin after erythrocyte adhesion to cultured vascular endothelium (Wautier et al). 1986; **107**:210-5

Vascular resistance
Effect of premercurial resetting of intrarenal vascular resistance on $HgCl_2$-induced acute renal failure (Vanholder et al). 1986; **107**:327-36

Venom
Disseminated intravascular coagulation following *Echis carinatus* venom in dogs: Effects of a synthetic thrombin inhibitor (Schaeffer et al). 1986; **107**:488-97

Viral marker
Polynucleotide antibodies in connective tissue disease: Viral markers or disease mediators? (Spencer-Green et al). 1986; **107**:159-65

Vitamin B_{12}
Recognition of deficiency of vitamin B_{12} using measurement of serum concentration (Cooper et al). 1986; **107**:447-52
Vitamin E
Effect of vitamin E deficiency and selenium deficiency on insulin secretory reserve and free radical scavenging system in islets: Decrease of islet manganosuperoxide dismutase (Asayama et al). 1986; **107**:459-64
Vitamin K
Calcium-specific immunoassays for factor IX: Reduced levels of antigen in patients with vitamin K disorders (Bray et al). 1986; **107**:269-78
Von Willebrand factor; *see also* **Factor VIII**
Visualization of the multimeric structure of von Willebrand factor using a peroxidase-conjugated second antibody (Zaleski and Henriksen). 1986; **107**:172-5
Von Willebrand factor–dependent agglutination of washed fixed human platelets by insoluble collagen isolated from bovine aorta (Perret et al). 1986; **107**:244-52

W

Wilson, Frank N.
Frank N. Wilson (1890-1952) (Wooley). 1986; **107**:185-6 (Cover illus. note)
Wood, W. Barry, Jr., M.D.
W. Barry Wood, Jr., M.D. (1910-1971) (Warren). 1986; **107**:101-2 (Cover illus. note)

X

D-Xylose
Gastric absorption of D-xylose in the rat: Its influence on the D-xylose absorption test (Stradley et al). 1986; **107**:10-4